

DOMINICA
Journal
I

Walter H. Hodge
~~Gray Herbarium
71 Garden Street
Cambridge, Mass., U.S.A.~~

W. H. Hodge
R. D. 2
Kennett Square, Pa.

KINDLY RETURN

This volume represents the work of several years scientific work and as such is irreplaceable. If found please return to the above

Note

These three volumes (field collection notes) should eventually be donated to the library of the Gray Herbarium where the original set of Dca collections are deposited.

W.H. Hodge

* Unless otherwise noted all
determinations by W.H. Hodge

250

July 24, 1959

Dr. Richard A. Howard
Arnold Arboretum
22 Divinity Avenue
Cambridge 38, Mass.

Dear Dick:

The delay in responding to your earlier letter concerning the field notebooks was due to the fact that I thought I might be able to have time to reproduce them by Verifax here. This seems unnecessary at this point and so I am going to forward them to you by registered mail under separate cover.

It is suggested that these be accessioned on an indefinite loan basis with the understanding that if at any time I would need them they would be returned on request. In the meantime, it is assumed also that they will be well cared for and, as indicated in the first volume of these field books, eventually these should be deposited permanently in the library of the Gray Herbarium where this original work was initiated.

A few comments are in order with regard to these volumes.

First of all, the longhand records were kept either by myself or by my good wife. Samples of my handwriting are on the inside covers of volumes 1 and 2 and hers on the inside cover of volume 3.

The first short collecting trip of 1937 is covered in volume 1, pages 1-106. Notes are not as copious on this first collection trip. You will also find that numbers were not assigned until collections were relegated to families. The only exceptions are the collections made in the botanic garden covered by pages 98-106. This material was primarily brought together for use in teaching at the University of Massachusetts. It represents economic plants, by and large.

The scheme of recording is probably self-evident, but mention should be made of it just in case. Left hand column represents the collection numbers and the right hand numbered columns represent

Dr. Richard A. Howard
July 24, 1959

-2-

the key number to specific localities where the collections were made. These localities are discussed in some detail or are just simply listed in an index position in each volume. Accordingly, if you want more location data, look to this index area where, in many cases, you will find very full discussions of the vegetation or plant communities.

The back of the book is often the place to find miscellaneous information, comments on soils, etc.

Where determinations have been made, they are mine unless initials or comments say otherwise, usually to be found on the right hand column of the page.

In volume 2, pages 88 through 101 represent material lost by fire at one of our collection areas. These collection numbers were salvaged later (that is, the numbers were reused) as can be seen on page 108 of the same volume.

In volume 3, pages 142 through 146 are specimens collected by Mr. Douglas Taylor of Magua, Dominica, an ethnographer who cooperated with me on the publication of the ethnobotany of the island Caribs. I doubt whether most of this material will be found at Harvard since this was collected and sent to me at Amherst.

On page 141 there is a series of moss specimens which actually were numbered following the detachment of such material from other collections. Most of them were not collected as moss specimens but were epiphytic with material pressed.

I have noted in the books the most recent additions to determinations. As you make further additions, just place them in the field books and this should be sufficient.

I expect to take the Arctic field trip next month at the Congress and then in mid-September Bobbie and I will be off for two months to Java where we will be doing some horticultural collecting, primarily at Bogor and the branch Indonesian gardens. Should be back in mid-November.

Will appreciate acknowledgement of safe arrival of collecting books.

Yours sincerely,

W. H. Hodge, Head
Department of Education
and Research

WHH:kf

0

1

2

~~CHILOPERACEAE~~

	Locality No.
001	<i>Danaca elliptica</i> J. E. Smith 11 terrestrial, prey in leaves forested slopes; rich humus
1A	<i>Danaca (atata)</i> J. E. Smith 11 (habitat v to #1) ^{OK} Maxon fuller's thicket
2	<i>Aneimia adiantifolia</i> Sw. 2 - rocky outcrops in open, near shrub (across), summit Mount Bruce
3	<i>Aneimia adiantifolia</i> Sw. 3 - shaded wooded slopes along facto's route ^{Mantip} Mount Bruce in wet soil under cocoa trees bordering
4	<i>Dicranopteris bipinnata</i> Maxon 2 (1937) - along road to Lisdara house
5	<i>Dicranopteris bipinnata</i> Maxon 13 - path from ky ^{ky} araria house to orchards.
6	<i>Cyathea arborea</i> (L.) Sm. 2 (1937) - open woodland along path to Lisdara house - 20-30'; ponds approx. 8'-10'
7	<i>Cyathea arborea</i> (L.) Sm. 13 - steep, grass covered slopes directly in front of ky ^{ky} araria house (north)
8	<i>Hemitelia grandifolia</i> (Willd.) Spruce Hemitelia ^{grandifolia} (Willd.) Spruce 2 (1937) open woodland bordering path to Lisdara house
9	<i>Hemitelia grandifolia</i> (Willd.) Spruce Hemitelia ^{grandifolia} (Willd.) Spruce 4 (1937) - forest path to Grand Bay; approx a mile from Lisdara house; shaded woodlands

10 *Hamamelis pseudifolia* (Willd.) Sprague
Hamamelis virginiana ~~Thunb.~~ 15
 - wooded ravine

11 *Hamamelis mucicata* Fré 2 (1937)
 - paths thru open woodlands running to
 Sisidore house

12 *Hamamelis mucicata* Fré 11
 - lower forested slopes

13 *Hamamelis mucicata* Fré 16
 - common woods tree fern running up to mountain summits.
 - cleared land along Imperial road

14 *Elaphoglossum peltatum* Ulm 1 (1937)
 epiphytic on *Lithocarpus* sp.

15 *Elaphoglossum peltatum* Ulm 11
 epiphytic on small trees growing in open clearings

16 *Elaphoglossum* ^{Drucei} ~~peltatum~~ ^{Underw.} 13 — det. Maxon
 epiphyte on *Yushania* - midheight in orange
 orchard

17 *Elaphoglossum pterolegans* Fré 11 det. Maxon
 epiphyte in middle forested slopes

17A *Elaphoglossum hybrideum* Brong. same locality as #17

18 *Elaphoglossum soryanum* (Fré) Moore 17u
 cloud forest epiphyte - in big mats of moss
 C.A.W. - ~~Winkler~~ no. 202

19 *Elaphoglossum* ^{Plumieri} ~~Plumieri~~ ^(Fré) ^{Moore} 175 det. Maxon
 - forest epiphyte - summit Iwisi Pitons

Plumieri (Féi) Moore det. Maxon

20 *Elaeocarpus* ~~silicium~~ ^{F. Smith} 17m
upper forest layer - epiphyte in mats of moss

21 *Elaeocarpus* ~~silicium~~ ^{F. Smith} 11
- mid-forest epiphyte - in mats of moss on decayed tree limbs

22 *Elaeocarpus* Féi (Bory) Moore 11
epiphytic on middle forest tree

23 *Horstia* *canifolia* ^{hawkd.} 1937
- under coconut trees in coastal swampland
- between Blantyre and Calivisine

24 *Horstia* *canifolia* ^{hawkd.} 8
6'-10'; finds totally sterile or ^{totally} sterile

25 *Anamathacous* *angustifolius* (L.) Underwood + Maxon
- epiphytic on mango; along trail to and in sight
of waterfall in upper Kossan valley (near Landat)

26 *Anamathacous* *angustifolius* (L.) ¹⁰ Underwood + Maxon
- epiphyte on mango growing in open partly cleared
woodland on western lower slopes of Mount Brule

27 *Polytaenia* Féi (Steyer) Maxon 11
epiphytic on mid forest tree

28 *Polytaenia* Féi (Schupper) Maxon 14
epiphytic

29 *Cochlidium seminudum* Maxon 2
epiphytic; open woodland along Tuk's wall

30 *Cochlidium seminudum* Maxon 4 (1937)
epiphytic on mango bordering road at Grand Bay.

31 *Cochlidium seminudum* Maxon 11
epiphytic on forest tree; upper slopes

32 *Cochlidium seminudum* Maxon 13
epiphytic on tree standing on cleared ground

33 *Polyodium crassipinnum* L. 2 (1937)
epiphytic; along road to Wissarn (from Belle Vue)

34 *Polyodium phyllitidis* L. 3
epiphytic on trunk of large tree bordering shaded
Mantipio

34A *Polyodium phyllitidis* L. 4 (1937)

35 *Polyodium loricatum* L. 11
epiphytic creeping by long rhizomes on moss-covered
trunk of forest tree

36 *Polyodium chrysosplenoides* Spreng 2 (1937)
shaded path from Wissarn house to Belle Vue
pendant epiphyte

37 *Polyodium chrysosplenoides* Spreng 16
- shaded woodland epiphyte

45A *Polyodium*

38 *Polyodium astrolepis* Liebm 14
upper slopes; epiphytic

39 *Polyodium astrolepis* Liebm 10
epiphytic; cleared forest land
w. slopes Morne Brûlé

40 ~~*Polyodium astrolepis* Liebm~~ ^{now} *Polyodium duale* Maxon

41 *Polyodium serrulatum* Watt 13
- epiphytic on mossy shaded tree trunk;
half way between Rivière and Hattor Gader on
Carl trail.

42 *Polyodium piloselloides* L. 1 (1937)
- epiphyte on *Lithocarpus* sp.

43 *Polyodium piloselloides* L. 5 (1937)
- epiphyte on tree bordering roadside
Anse-a-Grand-Bay

44 *Polyodium piloselloides* L. 14
- epiphyte on tree standing on
edge of cleared forest land.

45 *Polyodium jubaiforme* Kaulf. 11 det. Maxon
- epiphytic on moss-covered, gnarled branches
of dead forest trees. *P. Hartii* = supposedly single species but a separate
entity more clearly

46 *Hypnodium epipleurium* L. 4 (1907)
- epiphytic in forest along roadside - Grand Bay back hills

47 *Hypnodium epipleurium* L. 175
- epiphytic on mossy branches of cloud-forest trees at summit

48 *Polypodium epiphyllum* L. 11
- epiphytic on trees of middle forested slopes.

49 *Polypodium lygodioides* L. 1 (1937)
- epiphytic on *Ulmus* -

50 *Polypodium lygodioides* L. 3
- epiphytic on trees bordering shaded mangroves

51 *Polypodium lygodioides* L. 10
epiphytic on mangroves growing on cleared forest land on lower slopes of Mount Kruele

52 *Polypodium lygodioides* L. 13
epiphytic on trunks and lower parts of *Toga* (various and as hedge (uriwatek) in orange orchards

53 *Polyodium serrula* Fée, det. Maxon
~~*Polyodium trichomanoides* L.~~ syn. 11
epiphytic in mossy branches of cloud forest (upper slopes)
c. a. w. - either *P. serrula* and we do not have, smaller, *P. trichomanoides* (upper slopes) (page 200 in Maxon's book)
Maxon

54 *Polyodium knowltonii* W. H. Hodges, det. 1941
~~*Polyodium trichomanoides* L.~~ n. sp. 1/3 type no.
c. a. w. - epiphytic on branches of stunted trees of summit
Maxon - doesn't seem to match *P. serrula* of Fr. islands nor *P. trichomanoides*
my good n. sp.

55 *Polyodium pectinatum* L. 2 (1937)
- epiphytic on tree trunks - on road from Lisban House to *Rede View*

65 *Adiantum* ~~hypoleuca~~ *tetraphyllum* Humb. + Bonpl. 4 (1931)
 - forested slopes (running ^{evening} betw. Lissaréa to Grand Bay,
 1 mile from Lissaréa) terrestrial

66 *Adiantum* ~~hypoleuca~~ *montana* Zieze
hypoleuca Lindsara (Lam.) Bedd., 11.
 terrestrial form of lower forested slopes

67 *Adiantum* ~~hypoleuca~~ *latipinnum* Lam. 2
 under canopies in forest - w. slopes of
 Mount Bruce; terrestrial

68 *Adiantum* ~~hypoleuca~~ *latipinnum* Lam. 10
 - coconut grove behind hospital and along
 North river; terrestrial.

69 *Adiantum cuneatum* Lourd. + Fisch. 13
 - along driveway ^{drainage ditch} from General road to Sylvania
 house; an escape; terrestrial.

70 *Adiantum cecropioides* L. #
 Stephen Hawes' place at Mount Tap
 an escape and according to him naturalized on the
 island.

71 *Hemitelia muricata* juvenile Marcon!
 (*Hypolepis repens* (L.) Presl) 2 (1931)
 - a form of open or cleared slopes where it grows
 well; on wet an opening on Lissaréa estate.

72 *Adiantopsis radiata* Fr. 10
 - shaded rocky outcropping in gorge of
 North river - above Port mouth hospital.

73 *Amnosorus hispidus* Maderw. + Maxon 15
 - along banks of rushing stream in heavily
 worked ravine; stems, rhizome - etc extremely
 succulent and glandular hairy; terrestrial; to 8'

74 *Asplenium* sp. (cfr. *A. lactucina* Poir) 4 (1937) max!
A. lactucina Poir 4 (1937) up to 8'
 - along rivulet in forest east of Lisdara; terrestrial

75 *Hemicentrotus palmatus* L. 2
 - worked slopes of Morne Bruce; along Jack's walk.

76 *Pityrogramma* ^{chrysophylloides} (L.) Link 5 (1937) max!
P. calomelanos Link 5 (1937)
 common in rocky crevices - etc of surfaces of
 road cuts - Grand Bay Road midway between
 Belle Vue and Grand Bay.

77 *Pityrogramma calomelanos* Link (1937)
 cliffs near waterfalls of Russell Valley - near
 Grand Bay.

78 *Pityrogramma calomelanos* Link 2
 open valley outcrops along Jack's walk

79 *Pityrogramma calomelanos* Link 6
 - cliffs (road cut faces) on shore road between
 Marigot and Hallton Gardens.

80 *Pityrogramma calomelanos* Link 10
 - on rocky outcrops bordering North River
 above Port mouth hospital

81 *Pityrogramma calomelanos* Link 13
garden weed; *Sylvania* house

82 *Pityrogramma calomelanos* Link 15
- drying out from covered shady cliff in
ravine separating *Sylvania* house from orange
shed.

83 *Diplazium plantaginifolium* (L.) C. Chr. 14
- terrestrial fern; wet, open, forest floor on
upper slopes of Monte Colla Anglais

84 *Hemitelia marginata* Presl. 15
- ponds 8'-10'
- stream borders in wooded precipitous ravine lying
between *Sylvania* house and orange coloring shed.

85 *Blchium striatum* (Sw.) C. Chr.
Struthiopteris striata Brodin. 11
epiphytic in mid-forest

86 *Blchium striatum* (Sw.) C. Chr.
Struthiopteris striata Brodin. 175
- growing in ^{sumus} ^{fixed} crevices of "bare" summit rock
entirely along with mosses, lycopt, melastoma.

87 *Blchium* ^(fig. 8 Hiep.)
Struthiopteris violacea Brodin. 175
- terrestrial in upper cloud forest

88 *Blchium* ^(fig. 8 Hiep.)
Struthiopteris plumieri Brodin. 11
- climbing by means of long rhizome over
trunks of trees in mid-forest.

89 *Blechnum* (Desv.) Mett.
Struthiopteris plumieri Brongn. 11m
- cloud forest; creeping over tree trunks by
means of rhizome; culms to 15'-20'

90 *Blechnum* (Berg) Mett.
Struthiopteris a' Hermanni Brongn. 11
- terrestrial in rich humus of middle
forest.

91 *Blechnum divergens* (Kze) Mett. (Berg) Mett.
Struthiopteris a' Hermanni Brongn. 175' wet.
- summit cloud forest; terrestrial

92 *Blechnum plumieri* (L.) Kuhn ^{juvenile} Max!
Struthiopteris polypodioides Tres 11
- climbing epiphyte of mid-forest

93 *Blechnum occidentale* L. 2 (1937)
partially shaded forest border along road
from Belle Vue to Lasara; terrestrial + abundant

94 *Blechnum occidentale* L. 2
- wooded slopes of Morne Bruce along
"Jack's Walk"; terrestrial + extremely common.

95 *Blechnum occidentale* L. 10
- slopes (shaded) bordering North River -
east of Port au Port

96 *Blechnum occidentale* L. 15
- dryish shaded cliffs in ravine lying
between Sylvania house and orange colored
sheds.

97 *Blechnum rotundifolium* Kaulf. 11
 - climbing, liana like fern with
 ponds reaching 20'-40'. Mid forest

98 *Blechnum rotundifolium* Kaulf. 16
 - deep forest liana, 20'-40'

99 *Stenochlaena ~~loddonii~~ scolopendria* (L.) J. Smith 14 (Since this
 is only known
 sp. from
 Dica! 1937)
 - minute; growing on wet banks on
 open ground of rain forest

100 *Polybotrya cervina* (L.) Kaulf. 4 (1937)
 - terrestrial on moist forest floor: lying east
 of hillside 1 mile. in direction of Grand Bay.

101 *Polybotrya cervina* (L.) Kaulf. 15
 - on wet drying cliffs, in shaded ravine
 lying betw. Sylvana house and orange coloring shed.

102 now *sub-tetragona* (Link) Maxon
Dryopteris tetragona (L.) Urban 2
 - wooded slopes of Morne Bruce along "Juli's Walk"

103 *Dryopteris rotundata* (Willd.) C. Chr. 15
 - shaded ravine; along mt. stream; fern with ponds
 up to 5'-6'!

104 *Dryopteris rotundata* (Willd.) C. Chr. 4 (1937)
 - terrestrial fern in humid forest 1 mile E. of
 hillside in direction of Grand Bay

386 *Dryopteris pectinata* O. Ktze 10
 under coconut plantation on banks of North River

105 *Dryopteris reticulata* (L.) Urban 3 (1937)
- open cleared slopes; Tisidara estate
(332 Maxon + Norton's monograph)

106 *Dryopteris reticulata* (L.) Urban 3
- wet soil along shaded banks of Mantipis

107 *Dryopteris reticulata* (L.) Urban 2
wooded w. slopes of Morne Bruce along "Jack's Walk"

108 *Dryopteris reticulata* (L.) Urban 10
- wooded banks of North River - east of
Portsmouth Hospital.

109 *Dryopteris glandulosa* (Desv.) C. Chr. 2 (1937)
- along path from Belle Vue to Tisidara
forest border

110 *Dryopteris glandulosa* (Desv.) C. Chr. 4 (1937)
- humid mt. forest one mile east of Tisidara on forest
trail leading to Grand Bay

111 *Dryopteris glandulosa* (Desv.) C. Chr. 14
terrestrial fern growing in mt. forests on
precipitous slopes of Morne Loran Higbie

112 *Dryopteris glandulosa* (Desv.) C. Chr. 15
terrestrial on steep ravine slopes.

113 *Dryopteris opposita* (Vahl) Urban 2 (1937)
tufted; terrestrial; growing on
shady cleared land

Harcourtii dominii - Maxon! Feb 1941

114 *Dyoptris (mollicella) Harcourtii dominii* [?] 14 Maxon + Morten have decided this 2 sp. ^{2 sp. longum} ^{Max 1941}

- terrestrial; w/ green leaves on sides of stems
- same area as 113; ^{Max} agrees in all aspects except has lots of pubescence and sori are not submarginal.

115 *Dyoptris Sprengelii* (Kuntze) Ktze. 2 (193) 1

- terrestrial; ^{shaded} leaves, up to 10 cm. long

116 *Dyoptris decurva* (L.) Wern. 15

- terrestrial near by, height & pubescence of 5'

117 *Dyoptris dentata* (Forsk.) C. Chr. 2 (193)

- shaded roadside - leading into hidaa house
- terrestrial.

118 *Dyoptris dentata* (Forsk.) C. Chr. 3

- ^{in wet} terrestrial; under cocoa trees close to banks of Mantipio.

119 *Dyoptris dentata* (Forsk.) C. Chr. 10

under coconut palm plantation on banks of North River; terrestrial

120 *Dyoptris dentata* ^(Forsk.) C. Chr. 14

- terrestrial ^(ident. cav)
- w/ open clearing amongst grass.

121 *Dyoptris Germaniana* (Fic.) C. Chr. 15

terrestrial

122 *Dyoptris nomiae* C. Chr. 14

- open w/ forest clearing
- terrestrial

123 *Dryopteris glandulosa* (L.) C. Chr. 15
terrestrial

124 *Dryopteris L'Herminieri* (L.) C. Chr. 2 (1937)
terrestrial, now abundant in large colonies
under mature shade - in, roadways - etc.,
in sun & in shade.

125 *Dryopteris L'Herminieri* (L.) C. Chr. 11
terrestrial in more open situations in
middle forested slopes.

126 *Dryopteris L'Herminieri* (L.) C. Chr. 15
- common in hanging masses drying sides
of shaded ravine

127 *Dryopteris consanguinea* (L.) C. Chr. det. C. V. Morton 2 (1937)
tufted terrestrial fern; in gassy clearings along
road into aidaia forest.

128 *Dryopteris opposita* (Vahl) Ulbr. 11
- cleared wet gassy areas; lower slopes of
Morne Anglais.

129 *Dryopteris opposta* (Vahl) Ulbr. 15
- partly shaded, very wet soil, on ravine sides
- terrestrial; tufted.

130 *Tectaria tripliata* (L.) C. Chr. 4 (1937)
- soil moist forest floor - 1 mile E. Laideira

139 *Vittaria lineata* (Sw.) (1937)
 - epiphytic; on anti trees
 - summit of waterfalls (Borneo Valley, I mean here but

HYMENOPHYLLACEAE

140 *Trichomanes hymenoides* Hdw. 4 (1937)
 - epiphytic; deep shade; tree trunk close to ground.

141 *Trichomanes polypodioides* L. 2 (1937)
 epiphytic; deep shade; on tree trunk close to ground

142 *Trichomanes Krausii* Hook + Grs. 2 (1937)
 epiphytic; close to ground in deep forest; on tree trunk

143 *Trichomanes Krausii* Hook + Grs. 4 (1937)
 epiphytic, close to ground on tree trunk; shaded forest

144 *Trichomanes crispum* L. 4 (1937)
 - on rotten log near ground.

145 *Trichomanes hymenophylloides* Bosch 175
 - epiphytic on branches of "closed forest" trees - much
 more associated with it; summit.

146 *Trichomanes holopterum* Kze 17n
 - on rich humus floor of upper closed forest.

147 *Trichomanes alatum* Sw. 15
 - on wet, dripping cliff face; densely shaded.

148 *Trichomanes pinnatum* Hdw. var. *hdwrigii* 3
 wet, shaded, eroded, "bank of Nantyis

149 *Trichomanes venundoides* D.C. 17m
- upper cloud forest; terrestrial on rich humus or often
on rotten logs.

150 *Trichomanes elegans* Rich 17m
- terrestrial on rich forest floor of upper cloud forest

151 *Trichomanes trigonum* Desv 17m
- rich forest floor of upper cloud forest; terrestrial

152 *Trichomanes trigonum* Desv 11
- rich forest floor of upper cloud forest; terrestrial

153 *Trichomanes rigidum* Sw. 11
- upper cloud forest; terrestrial

154 *Trichomanes rigidum* Sw. 17m
- upper cloud forest; terrestrial

155 *Hymenophyllum polyanthos* Sw. 11
- epiphytic with moss masses on limits of all trees
of cloud forest.

156 *Hymenophyllum polyanthos* Sw. 17m
- epiphytic - upper cloud forest - on tree limits

157 *Hymenophyllum polyanthos* Sw 17s
- summit; epiphytic on limits of cloud forest trees

158 *Hymenophyllum ciliatum* Sw. 11
- epiphytic on trees of cloud forest.

159 *Hymenophyllum ciliatum* Sw. 17a + 5
- epiphytic on limbs of cloud forest trees.

160 *Lycopodium aquilinum* Spring ^(ex char.) 2 (1937)
growing from tree root - epiphytic + pendant.

161 *Lycopodium linearifolium* L. 11
epiphytic in cloud forest

162 *Lycopodium linearifolium* L. 13
epiphytic on "jros doce" (Inga laurina)
standing in orange orchard.

163 *Lycopodium meridionale* Underwood + Lloyd 175
creeping close to moss-covered rocks on open
areas at summit.

164 *Lycopodium distichum* Jacq. 2 (1937)
- epiphytic in tree notches; trees standing more
or less in cleared land.

165 *Annona reticulata* L.?
Lycopodium cernuum L. 5 (1937)
dry places of road cuts between Belle Vue and
Grand Bay.

166 *Lycopodium cernuum* L. 5
- open land along Camb trail
red clay under soil.

167 *Lycopodium cernuum* L. 11 max!
- cleared land on lower slopes

168 *Hypnodia sericeum* L. 13
 - along Imperial road between Sylvana house
 and Corina orchards.

~~DELPHINIACEAE~~
 169 *Slaginella flatillata* Spring 2 (1937)
 rock forest floor, dense shade

170 *Slaginella flatillata* Spring 11
 lower forested slopes; terrestrial

171 *Slaginella albicans* Spring 170
 - again terrestrial; open clearings at
 summit.

~~PSILOTHALLACEAE~~

172 *Psilotum nudum* L. 1 (1937)
 in crth of *Citharexylon* tree, latter standing
 in clearing.

~~NAJADACEAE~~ →

173 *Potamogeton peltatus* Roth. Sept 4, 1937
 growing in stream emptying into sea on east coast
 between Bleeker and Calabistic - or Marigot
 Port mouth Road (Indian River?)

GRAMINEAE >

174 *Bambusa* sps. *vulgaris* Schrad 13
 - cultiva and established along roadways - etc.
 - have even seen a stand of on Morne Colla Anglais
 - this winter from rear of Sylvania house; height to 50'

175 *Eragrostis ciliaris* (L) Link 2
 - in open grassland near stone on Morne Bruce

176 *Arundo donax* L. 12
 - small specimens
 - clumps growing up to 12-15' - along Canepels road
 beneath Whalers Station hill; high upon head

177 *Sporobolus indicus* (L) R.Br. 2
 summit Morne Bruce

178 *Sporobolus indicus* (L) R.Br. 5

179 *Sporobolus indicus* (L) R.Br. 6

180 *Sporobolus indicus* (L) R.Br. 7

181 *Sporobolus indicus* (L) R.Br. 8

182 *Sporobolus virginicus* (L) Kunth 8
 bouldery beach of Prince Rupert Bay near
 base of S. Carib.

183	<i>Psoralea virginica</i> (L) Kunth	6
184	<i>Anthophora hermaphrodita</i> (L) Kunze gen. n. n. n. near Shrine	2
185	<i>Eleusine indica</i> (L) Gaertn "bulb's foot" to native	6
186	<i>Eleusine indica</i> (L) Gaertn	12
187	<i>Eleusine indica</i> (L) Gaertn roadside near winging bridge over Mazon river	4 (1937)
187A	" "	5 (1937)
188	<i>Dactyloctenium aegyptium</i> (L) Richt	6
189	<i>Cynodon dactylon</i> (L.) Pers. "Bahama grass"	6
190	<i>Chloris inflata</i> Link summit	2
191	<i>Pharus glaber</i> HBK openings on forest floor	14
192	<i>Digitaria horizontalis</i> Willd summit	2

193 *guttata ridasceus* Michx. (for not with
dixitaria (longiflora (Retz) Pers.) ^{keeping culms;}
^{rather decumbent}
^{but 13 small!}
 - not drain close to Sylvania house veranda

194 *Axonopus compressus* (Swartz) Beauv. 2
 summit.

195 *Paspalum nutans* Lam. 2 (1937)

196 *Paspalum paniculatum* L. 2
 summit

197 *Paspalum fimbriatum* HBK 2
 summit

198 *Paspalum saccharoides* Nees 16
 roadside; open

199 *Paspalum millegrana* Schrad 6

200 *Paspalum millegrana* Schrad 7

201 *Paspalum millegrana* Schrad 14
 wet open clearing

202 *Paspalum conjugatum* Brugis L (1937)
 var. *pubescens* Doell.
 - roadside near swinging bridge
 over Bayou river

203 *Paspalum conjugatum* Berg 5(1937)
var. *pubescens* Doell

204 *Paspalum conjugatum* Berg 3
var. *pubescens* Doell

205 *Paspalum molle* Poiss. 2
summit 1st flora record

206 *Panicum laxum* Swartz 2(1937)

207 *Panicum laxum* Swartz 3 (1937)

208 *Panicum laxum* Swartz 6

209 *Panicum laxum* Swartz 13

210 *Panicum laxum* Swartz 14

211 *Panicum maximum* Jacq. 2

212 *Panicum pilosum* Swartz 2(1937)

213 *Panicum pilosum* Swartz 3

214 *Panicum pilosum* Swartz 6

215 *Panicum pilosum* Swartz 10

216 *Setaria geminata* (Lam.) Beauv. 3 (1937)

217 *Setaria geminata* (Lam.) Beauv. 5 (1937)

218 *Setaria geminata* (Lam.) Beauv. 2
summit

219 *Setaria geminata* (Lam.) Beauv. 6

220 *Setaria geminata* (Lam.) Beauv. 13

221 *Cenchrus echinatus* L. 8

222 *Cenchrus echinatus* L. 12

223 *Pyra latifolia* L. 3
up to 10' tall

224 *Andropogon condensatus* HBK 3 (1937)

225 *Andropogon condensatus* HBK 2
subshrub

226 *Andropogon condensatus* HBK 6

228 *Ystereria zizanioides* (L.) Nash L (1937)
 (227) along Hayon road by Canepold
 notably escape for cultus by Greeks for a time

229 *Eschaemum latifolium* (Spreng) Kunth 6

230 *Trichachne insularis* (L.) Nees L (1937)
 (Val. 56) roadside near
 Hayon river swinging bridge

231 *Trichachne insularis* (L.) Nees 7

232 *Paspalum laxum* Lam. 8

233 *Axonopus compressus* (Swartz) Beauvois 14
 wet clearing

234 *Axonopus compressus* (Swartz) Beauvois 2 (1937)

235 *Chloris radiata* (L.) Desv. L (1937)
 roadside near swinging bridge
 Layon River

236 *Rynchospora polyphylla* Vahl - thin, sterile 5 (1937)
 material got separated from fertile, = 291.

237 *Cyperus alternifolius* L. L (1937)
 on rocky bar in Hayon river
 below swinging bridge

238 *Cyperus alternifolius* L. 12
streams of Cavefield river

239 *Cyperus* (= *resupinatus* (L.) Mattf. + *Kük.*) (var. *resupinatus* (L.) Mattf.) (var. *resupinatus* (L.) Mattf.) 5 (1931)

240 *Cyperus brevifolius* (Rottb.) Hassk. 8

241 *Cyperus brevifolius* (Rottb.) Hassk. 10
slopes of Horse Creek

242 *Cyperus brevifolius* (Rottb.) Hassk. 14
wet, open clearing.

243 *Cyperus distans* L. 14

244 *Cyperus erigeroides* L. ! McLaughlin
Cyperus (erigeroides) L.C. Rich. 5 (1937)

245 *Cyperus erigeroides* L. ! McLaughlin
Cyperus (erigeroides) L.C. Rich. 14
wet, open, forest clearing

246 *Cyperus ligularis* L. 6

247 *Cyperus ligularis* L. 8

248 *Cyperus ligulatus* (?) Rottb.
dry woods; rocky 6 (1937)

249 *Cyperus ligulatus* (?) Rottb. 3

250 *Cyperus ligulatus* (?) Rottb. 6

251 *Cyperus rugulæ* (L.) Rottb. 8

252 *Cyperus rugulæ* (L.) Rottb. 13

253 *Cyperus* (*polystachys* Rottb.) 6 (1937)
microdonthus var
roadside at hayon near
surging bridge

254 *Cyperus* (*microdonthus* var
alternifolius L.) mactanglin 5 (1937)
(*polystachys* Rottb.)

255 *Cyperus* (*microdonthus* var) *planifolius* L. C. Rich 6 ! mactanglin
(*polystachys* Rottb.)

256 *Cyperus* (*microdonthus* var) 8

257 *Cyperus planifolius* L. C. Rich 2

258 *Cyperus* (= *temnos* Swartz) (*polystachys* Griseb.) 2

259 *Cyperus rotundus* L. 12
beach in sand

260 *Cyperus sphacelatus* Rottb. 6 (1937)
roadside at hayon - near surging
bridge.

261 *Cyperus sphacelatus* Rottb. 5 (1937)

262 *Cyperus sphacelatus* Rottb. 8

	#263 + 264 = <i>Eleocharis retroflexa</i> (Burm.) Urban	with. 440
263	<i>Eleocharis caribaea</i> (Rottb.) Blake	5 (1937)
now	<i>Eleocharis geminata</i> (A. Nels.) Blake	
264	<i>Eleocharis caribaea</i> (Rottb.) Blake	13
	growing wet drain beside veranda of sylvania estate home.	
265	<i>Eleocharis flavescens</i> (Burm.) Urban	8
266	<i>Eleocharis maculosa</i> R. Br.	13
	wet meadow behind Peine's home	
267	<i>Eleocharis mutata</i> (L.) R. & S.	8
	"shallow water in marsh"	
268	<i>Fimbristylis annua</i> (Hill) R. & S.	4 (1937)
	roadside at Mayon near overgrown bridge	
269	<i>Fimbristylis annua</i> (Hill) R. & S.	8
270	<i>Fimbristylis annua</i> (Hill) R. & S.	13
271	<i>Fimbristylis annua</i> (Hill) R. & S.	14
272	<i>Fimbristylis complanata</i> Link	3 (1937)
273	<i>Fimbristylis complanata</i> Link wet open clearing near banana plantation	13
274	<i>Fimbristylis complanata</i> Link	14
	wet open clearing	

275 *Fimbristylis monostachys* Hassk. 8
in deep water

276 *Fimbristylis spudicea* Vahl 8

277 *Fuirena umbellata* Rottb. 6

278 *Fuirena umbellata* Rottb. 10
morne Brule

279 *Fuirena umbellata* Rottb. 16
meadowland roadside brook

280 *Dichromena ciliata* Vahl. 5 (1731)

281 *Dichromena ciliata* Vahl. 3

282 *Dichromena ciliata* Vahl. 4

283 *Dichromena ciliata* Vahl. 7

284 *Dichromena ciliata* Vahl. 10

285 *Dichromena ciliata* Vahl. 13

286 *Dichromena radicans* Schlect. & Cham. 13

287 *Dichromena radicans* Schlect. & Cham. 14

288 *Rynchospora cyperoides* (w.) Mart. 10

289 *Rynchospora longiflora* Presl. 11

290 *Rynchospora longiflora* Presl. 175
in rock crannies at semi-clear summit

291 *Rynchospora polyphylla* Vahl. 5 (1937)
(this is fertile material of #236!) - aus same coll!

292 *Rynchospora polyphylla* Vahl 11

293 *Rynchospora setacea* (Berg.) Boeckl. 5 (1937)

294 *Rynchospora setacea* (Berg.) Boeckl. 8

295 *Scleria latifolia* Swartz. 11
along trail - mid-forest

296 *Scleria lithosperma* Swartz 7

297 ~~*Rynchospora polyphylla* Vahl~~ ~~*Scleria pterota* Presl.~~ 2 (1937)

298 *Scleria pterota* Presl 8

299 *Scleria pterota* Presl 13

300 *Scleria scindens* Nees. 3

301 *Cyperus compressus* L. 12

302 *Asplenium auritum* Sw. 2 (1937)
woodland epiphyte

303 *Asplenium pinnulum* Sw. 2
terrestrial

304 (*A. gallicum* L. = *A. auriculatum* Sw.) 2 (1937) max!

305 *Asplenium cristatum* Lam 14
epiphytic on rotten tree trunk
- a much dissected spec. inclining towards *A. myriophyllum*

306 *Asplenium pseudossectum* Hieron. II
mid-forest epiphyte

385 *Philodendron (scandens* C. Koch [?]) 3
barren; climber on tree

W.H. 1946 - after checking at N.Y. it would seem that this sps is \rightarrow
probably *P. oxycaeruleum* Schott, which is known from the French islands

307 *Gronoma dominicana* Bailey (Type) ^{in Bailey Herbarium} ^{not type in Gray} ^{3/11/39}
Gronoma (vaga) Griseb. f. Wendl. 14 det. L. H. Bailey
 deep forest palm; "trunk" = 2 in diameter
 height 15" to 20'; suboliferous

308 *Euterpe glabra* Gaertn. ? (det. Bailey) 3/11/39
Ereodoxa tigia Kunth. ?? 175
 common throughout upper cloud-forest "and summit
 of two Pitons. leaves 5' long; palm 6'-20' fruit)
 (seems not to flower without fruit)

309 *Carludovica insignis* Duchass. 14
 in stream cut ravine; this sp. (a broader
 leaved form) is terrestrial in deep shade;
 mature leaves with laminae up to 2m; petioles 2m.

310 *Carludovica Pliomieri* Kunth 11
 this is a narrower leaved form always found climbing
 on trees, in sites of to preceding.

311 *Philodendron lingulatum* (L.) C. Koch 16
 climbing on tree trunk . . .

312 *Anthurium palmatum* (L.) Kunth 3
 forest scrambler

313 *Anthurium* *Guillainii* ~~dominicense~~ Schott ? 10

314 *Anthurium dominicense* Schott. 11
 epiphytic in mid-forest.

315 *Anthurium dominicense* Schott. 174
 terrestrial

316 *Pitcairnia latifolia* Ait 5 (1937)
hanging along cliffs of Roseau - Grand Bay road,
near Belle Vue.

317 *Pitcairnia latifolia* Ait 6
on faces of road cuts (see picture)

318 *Pitcairnia latifolia* Ait 11
epiphytic in mid-forest; quite open

319 *Pitcairnia spicata* (Lam.) Mez 175 var *uliginosa* (Andr.)
growing amongst mosses at rocky summit.
Mez
(see picture); fls. white - anthers yellow.

320 *Catopsis floribunda* (Bronn.) L.B. Smith 1 (1937)
epiphytic in *Citharexylon* sp.

321 *Catopsis floribunda* (Bronn.) L.B. Smith 4 (1937)

322 *Catopsis floribunda* (Bronn.) L.B. Smith 13
epiphytic on orange trees at Corona
(also seen in rainforest in a *Cecropia*)

323 *Tillandsia* ^{either *parviflora* or *truncata*} *polystachya* L. ? 7 (1937)
^(Tillandsia)

324 A ~~*Guzmania pulchella*~~ <sup>! L.B.S. : immature scape but notices bract tips
and diameter of scape - could not be *Guzmania*</sup> *Guzmania Plumieri* (Griseb.) Mez. 11 ^{2. part}
commonest epiphytic bromeliad in montane
forests where plants easily reach a spread of 3 feet;
fls. inflorescence stalks up to 3 feet.

324 ^{(one part = *Greya ramosa* (Griseb.) Harms. Aug 30)} *Guzmania pulchella* (?) ^{more often} ^{infl. juv.} det L.B.S. ^{to go with photos} ^{det L.B.S.}

325 *Guzmania Plumieri* (Griseb.) Mez. 175
epiphytic in "cloud-forest" on Ka-Klah
(see data as to size from #324)

326 *Commelinia longicaulis* Jacq. 4 (1937)
roadside near Layou bridge

327 *Commelinia longicaulis* Jacq. 4 (1937)
forest border; fls. blue

328 *Commelinia longicaulis* Jacq. 14
along trail; fls. blue

329 *Commelinia elegans* A.B.K. 2
fls. blue

330 *Eichornia crassipes* Solms. 13
in wet meadows (also seen near Agouti club; grows
around fresh water lake margins)

331 *Smilax guianensis* Vitex. 13
grape-vine-like in size; climbing on trees along open
trail; flowers white; berries black.

332 *Hypoxis decumbens* L. 13
grassy roadside; fls. yellow.

333. ~~Dioscorea~~ ^{→ Polypoda} *paniulata* L. 2 (1931)
rotundata L. climbing herb known as "wild white yam".

334. *Dioscorea polygonoides* H. B. 11
 woody vine; climbing up old *Heliconia* stalks.
 (Proctor Coopn spm. in Gray! - Liddell)

334A *Dioscorea* " " rainforest borders ^{St. Lucia} Aug 13, 1938

335. (*Cipura*) *Eleutherine bulbosa* (Mill.) Herb. C (1937)

336. *Trimezia martinicensis* (L.) Herb. 3 (1931)
 3 yellow petals non-spreading

337. *Trimezia martinicensis* (L.) Herb 2 (1931)
 open grassy slopes; yellow

338. *Trimezia martinicensis* (L.) Herb 5 (1931)
 roadside in Grand Bay

339. *Trimezia martinicensis* (L.) Herb. 4
 petals 3 and yellow

340. *Trimezia martinicensis* (L.) Herb. 13
 everywhere common in grassy places

176

341 *Heliconia Bihai* L. 4 (1937)
red bracts; fruits blue; wet ravine

342 *Heliconia Bihai* L. 14
wet ravine. leaves of specimen are immature, larger adult ones grow to 20'; bracts are raspberry red or sometimes greenish with yellow margin. ~~fr.~~ gr.
fruit of the greenish flowers is royal blue at maturity
(see photo)

343 *Heliconia caribaea* Lam. 15
more delicate in size than preceding; bracts part
apart, red with yellow margin ~~fr.~~ ~~fr.~~ not as
commonly seen as preceding; in wet ravines.

344 *Hedychium coronarium* Koenig 5 (1937)
in river bottom; seen also at Blenheim in v site (1937)
(see photo)

345 *Alpinia racemosa* L. — this is what
(Portor Lope spec. 1933 Lissam) ^{Dominc} in flora
Photograph in ^{colls} ^{Renaulmea} ! 4 (1937)

346 *Alpinia racemosa* L. 11
2 m. tall (6')

347 *Alpinia racemosa* L. 14
2 m. tall as

348 *Alpinia racemosa* L. 16
2 m. tall

349 *Alpinia speciosa* K. Schum. 5
 (Zingiber speciosa (Willd.) Smell)
 near Halton Garden River

350 *Apteria aplypha* (Kuntze) Barnh. var. *hymenantha* (Miq.) ^{var.}
 Sylvania - Halton Garden track on Carib-trail 8/16/38
 - tuft, pink bell-like flower with magenta stem; leaves
 scale-like; growing in leaf covered rain-forest floor on
 trail itself.

(-Epidendroas det. by Charles Schweinfurth
 -All others by Richard Evans Schultes)

351 *Polytaenia luteola* Hook. 14
 epiphyte

352 *Gochneea linearis* R. Br. 14
 (determined R. E. Schultes)

353 *Wiliaea muricata* (Sw.) Lindl. 2 (1937)
 epiphyte (determined R. E. Schultes)

354 *Jacquinella globosa* (Jacq.) Schulte. 13
 epiphyte

355 *Malaxis spicata* (Lindl.) Sw. 11
 -upper rainforest terrestrial form
 -orange in color; specimen in formalin - vial #3

356 *Malaxis spicata* (Lindl.) Sw. 175
 pale orange fls; exactly v to #355 only habit
 here was epiphytic on moss-covered trees.

357 *Eulophia alta* (L.) Tawc. & Rendle ^{Aus.} H. (1938)
- transplanted into garden of Stephen Hawes at
Mt. Joy; terrestrial; fls. greenish and purple.

358 *Eulophia alta* (L.) Tawc. & Rendle 18
terrestrial in wet clearings

359 *Eulophia alta* (L.) Tawc. & Rendle 16
wet ditch along roadside

360 *Otomeria graminifolia* R.Br. 1 (1937)
epiphyte on lithocarpum

361 *Polystachya* sp. 2 (1937)
epiphyte on mango.

362 *Polystachya luteola* Hook. 2 (1937)
pale yellow fls.; epiphyte on old stumps
one of few pan-tropic orchids (C. Schumann)

363 *Polystachya luteola* Hook 3 (1937)
epiphyte on tree trunk on road leading into Liddon

364 *Polystachya luteola* Hook. 5 (1937)
on rocks near roadside at Grand Bay.

365 *Polystachya luteola* Hook 10
epiphyte on tree fallen across north River.

366 *Polystachya luteola* Hook 13
epiphyte on *Luzia laevigata* in orchard

367 *Ponthieva petiolata* Lindl. 2 (1937)
terrestrial with maroonish fls.

368 *Ponthieva petiolata* Lindl. 11
as #36)

369 *Ponthieva petiolata* Lindl. 14
as #36)

370 *Ponthieva petiolata* Lindl. 17
as 367, upper closed forest.

371 *Pleurothallis Urbaniana* Rchb. f. 1 (1937)
epiphyte on Lithocarpus

372 *Pleurothallis trinervifolia* (Jacq.) R.Br. 1 (1937)
epiphyte on Lithocarpus

373 *Pleurothallis mucicola* (Jacq.) R.Br. 11
epiphyte in "closed-forest"

374 *Epidendron* sp. 14
epiphyte

375 *Epidendron anceps* Jacq. 1 (1937)
epiphyte in Lithocarpus

376 *Epidendron anceps* Jacq. 13
epiphyte on *Inga laurina*
(pos done)

377 *Epidendron ciliare* L. 5
on rock

378 *Epidendron ciliare* L. 6
epiphyte

379 *Epidendron ciliare* L. 10
epiphyte

380 *Epidendron difforme* Jacq. 2 (1937)
epiphyte

381 *Epidendron difforme* Jacq. 11
epiphyte

382 *Epidendron nocturnum* Jacq. 5 (1937)
epiphyte; bracts = yellow; dinner petals = white

383 *Epidendron ramosum* Jacq. (?) 11
mid-forest epiphyte

384 *Trichora surinamensis* (Vindl.) Bitter 13 det. by W.H. Hodges
in branching plankning drif at entrance to Sylvania
estate (where drif and Imperial road meet.)
flowers pink.

385 - see page 32 (bottom) *Philodendron scandens* C. Koch.

386 - see page 12 (bottom) *Dryopteris pectinatum* O. Ktze

387 *Vanilla* 2 (1937)
epiphyte in rainforest

388 *Pleurothallis Urbamaria* Rf. 11

389 *Brachionidium Sherringtoni* Rolfe 17

390 *Stelis scalridia* Lindl. 1 (1937)
(*S. cyathiformis* of Griseb.)

391 *Pleurothallis* or *Stelis* (?) 13
epiphyte on cleared land -Sylvanica

392 *Pleurothallis* (?) 1 (1937)

393 *Chamaesyce prostrata* (Ait.) Small
~~*Euphorbia prostrata* Ait.~~ Roseau,
weed in garden at Cherry Lodge Aug. 1937

394 *Piperomia pellucida* (L.) Kunth Roseau
weed in garden at Cherry Lodge Aug. 1937

395 *Tephrosia candida* (Roxb.) Kuntze August 1937
A. P. de Candolle
grown as windbreak in lime orchards
along road to Water Wave; flowers yellow

396 *Juniperus lucayana* Brutton?
a large tree growing close to buildings
at Sidura; probably cultivated; non-fructing 2 (193)

397 *Anona glabra* L.
a large tree in fruit 8

398 *Anona muricata* L. 8

399 *Siquarana caloneura* Perkins
flowers pale yellow
(see Cooper #56, 158) 2 (193)

400 *Aydenia* ^{Endlicheria, sericea} C.N. von Esenbeck
~~sericea~~ Griseb.
tree 14
(see Eggers #403 in *Persea* folder in 6)

401 *Nectandra coriacea* (Sw.) Griseb.
tree 8

402 *Nectandra membranacea* ^(L.) Griseb 16

403 *Nectandra sanguinea* Roth? 8

404 *Ocotea cernua* Mez
tree in a cleared spot of rainforest
black } fruit (tip down with)
} (tip up reverse) - where got them 14

405 *Ocotea cernua* Mez
tree; flowers yellow and possessing
a fragrant fruity odor 13

406 *Ostea leucocyston* (Sw.) Lemesan
tree 10-12 m; flowers pale yellow
(*O. dominicana* and *O. leucocyston*
were much alike!) 4 (1938)

407 *Myristica fragrans* Horst. 2 (1937)
leaves minutely glandular; bract at
the base of each flower; the stamens in
the 8 or 10s united in a central column;
spontaneous

408 *Clematis divisa* L. 14
-petals white

409 *Piperomia emarginella* (Sw.) DC. (Wikström) A. C. Candolle
-on an old stump in the rainforest Aug. 1938
-midway along the trail from
Birminville to Hutton Garden
-alt. approx. 2500'

410 *Piperomia bernardopellia* (Vahl) A. Dicht. 11
epiphyte

411 *Piperomia pellucida* (L.) Kunth 10

412 *Piperomia pellucida* (L.) Kunth.
growing in cement work of the back July 22 '38
steps of home of Rev. Byron near Methodist Church Margot

413 *Peperomia rotundifolia* (L.) HBK 2 (1931)
epiphyte on a grapefruit tree

414 *Peperomia rotundifolia* (L.) HBK. 14
epiphyte

415 *Peperomia trifolia* (L.) Dits
(= *P. ovalifolia* Hook)
epiphyte 14

416 (*Peperomia*) *Peperomia hirtella* Miguel 11
epiphyte

417 *Peperomia magnoliifolia* (N. Jacquin) A. Dietrich
(see paper 178, *P. lithymoides* A. Dietr.) 5
varicidens

418 *Peperomia nigropunctata* Miguel 11
epiphytic climber on lower
parts slopes
(*P. stenocaulis*?)

419 *Peperomia hirtella* Miguel 11
epiphyte in "mossy forest"

420 (*Peperomia*) *Peperomia hirtella* Miguel 11
epiphyte in mossy forest
(looks like Hahn #64) from
Martinique

421 *Peperomia nigropunctata* Miguel 14
epiphyte

422 *Piperomia nigropunctata* Miguel 2(1937)
epiphyte on large tree

423 *Piperomia nigropunctata* Miguel 2(1937)
epiphyte; along road to estate house
(picture will)

424 *Piper seguineum* Vahl 11
shrub 2-4m lower rainforest

425 *Piper dilatatum* L. C. Richard 10
tall shrub

426 *Piper dilatatum* L. C. Richard. 2(1931)
rainforest borders

427 (*Pothomorphe peltata* (L.) Miq.) 3
Lasiandra peltata (L.) Rafinesque

428 *Capparis flexuosa* L. 8
shrub 2-5m

429 *Cleome aculeata* L. 12
beneath a mango tree

430 *Cleome speciosa* Raf. 12
~~*Cleome speciosa* Jacq.~~
course herb 1-2m, flowers pink

431 *Cleome viscosa* L. 12
~~*Polaria viscosa* (L.) DC.~~
on beach

VIOLETS

432 *Viola stipularis* Sw. 17
palest pink; locally common
near summit in mossy forest.

433 *Polygala paniculata* L. 4
flowers pink

434 *Polygala paniculata* L. 16
open slopes; root with menthol odor.

435 *Polygala paniculata* L. 2 (1937)
- partly pulled plant has menthol odor to root
- open slopes

436 *Bryophyllum* *Kalanchoe pinnata* (Lam) Pers. 1937
along road to water. Water

437 *Bryophyllum* *Kalanchoe pinnata* (Lam) Pers.
along road thru swampland 8

CA LEAF

438 *Dymaria cordata* (L.) Wild 5 (1937)
creeping roadside weed

439 *Dymaria cordata* (L.) Wild 13
in wet clearing near house

440 *Dymaria cordata* (L.) Wild 9

ROCKS & STONES

441 *Portulaca pilosa* L. 9
Flowers pink

442 *Talinum paniculatum* (Jacq.) Griseb. 9
upright herb; fls. pink.

ON PELLETIERE

443 *Cordia reniformis* L. 12
tree, size of locow

CHENILLE CLOTH

444 *Chenopodium ambrosioides* L. 2 (1937)
weed in cultivated ground

445 *Chenopodium ambrosioides* L. 13
weed in ground behind main house

ALIAS - TALE

446 *Alyssum indicum* (L.) Mill. 12
common roadside weed in shady
places.

447 *Alternanthera flavogrisea* (Urban) Urban 12
~~flavodea~~ (L.) R.B.S.
in rocky bed of Canfield river

448 *Alternanthera flavogrisea* (Urban) Urban 5 (1937)
~~flavodea~~ (L.) R.B.S.

449 *Alternanthera sessilis* (L.) 5 (1937)
omilis K. Br. et DC.
roadside

450 *Amarantus dubius* Mart. 9
1 m. tall

451 *Amarantus dubius* Mart. August 1937
roadside weed at bayon

452 *Amarantus dubius* Mart. 12
eaten as a cooked green

453 ~~Oxalis~~ ^{Oxalis} ~~deltoides~~ ^{deltoides}, Kunth var. *coronata* (DC.) Kuntze 151
~~Oxalis~~ ^{Oxalis} ~~lutea~~ ^{lutea} Jacq. on bank of stream; flowers pink

454 *Oxalis* *Barrelieri* Jacq. L. 2

455 *Oxalis* *Barrelieri* Jacq. L. 12

456 *Oxalis* *Barrelieri* Jacq. 10
fls. pink

457 *Oxalis* *Barrelieri* Jacq. 2 (1937)
fls. pink; growing on open slopes

458 *Oxalis* *corniculata* L. 2
flowers yellow

459 ~~Oxalis~~ ^{Oxalis} *lutea* *telsonifera* L. 13
fls. rich pink in color
cocoyac?

LYTHRACEAE

460 *Cuphea strigulosa* HBK - ssp. *ratieri* Kochne 9 det R. Felt,
a weed in a flower garden,
probably originally naturalized

461 ~~Ludwigia octovalvis (M. Jacq.) Raven~~
~~sessiliflora~~ ~~aff. *sessiliflora* L.~~ subsp. *sessiliflora* 8
plant 1 m, petals 4 and yellow, quickly
falling; in wet roadside ditches

462 ~~Ludwigia octovalvis (M. Jacq.) Raven~~
~~*sessiliflora* aff. *sessiliflora*~~ 15
ras?
flowers petals early deciduous; yellow

463 ~~Ludwigia octovalvis (M. Jacq.) Raven~~
~~*sessiliflora* aff. *sessiliflora* L.~~ subsp. *octovalvis* 16
ras?
in wet ditch; flowers lemon yellow

464 ~~Tree 10 m~~
~~Daphnopsis americana ssp. *caribaea* (Griseb.) Nestling~~
~~*caribaea* Griseb.~~ 13
tree with buff-colored fls.

465 ~~Daphnopsis americana ssp. *caribaea* (Griseb.) Nestling~~
~~*caribaea* Griseb.~~ 14
- tree with bitter-sweetish bark
- petals 4 and buff colored

466 ~~Daphnopsis americana ssp. *caribaea* (Griseb.) Nestling~~
~~*caribaea* Griseb.~~ 15
- a tree whose inner bark smells like
that of wild cherry

Fol 4

NYCTAGINACEAE

467 *Boehmeria diffusa* L. *varia* Nutt? 2

468 *Boehmeria diffusa* L. *varia* Nutt.
on bark 12

FLACOURTIACEAE

469 *Casearia dicandra* Jacq. 7
small tree

PHOENICIACEAE

470 *Passiflora rubra* L. 13
- climber
- lots of this specimen much
smaller than those of other Guy specimens

CUCURBITACEAE

471 *Thomomolia charantia* L. 5
- an herbaceous vine with orange fruit
and red seeds
- flowers orange-yellow
- in Antigua called "mander's blank"

BEGONIACEAE

472 *Begonia dominicensis* A. DC. 4 (1931)
in mountain rainforest

473 *Begonia macrophylla* Lam.
Begonia dominicensis A. DC. 2 (1931)
at borders of rain forest.

474 *Begonia humilis* Ait. 15
(check) see unnamed sp. of
Cooper, # 66 Sylvania — undoubtedly this.

475 *Mangifera* 14
 - climbing on a "bosc jummei"
 - sterile, not *M. umbellata* or
M. reticulata; see N.F. (there is a
 juvenile *M. umbellata* in Gray)

476 *Mangifera* 11
 woody vine closely appressed to the
 trunks of forest trees; high climbing
 in lower forests.
 - sterile

477 *Mangifera* 4 (1937)
 - creeping to great heights on trunks of
 rainforest trees

478 *Sauvagesia erecta* L. 4
 white fls, 5-petaled

479 *Sauvagesia erecta* L. 3
 fls. white

480 *Sauvagesia erecta* L. 5 (1937)
 white fls., along roadside

481 *Sauvagesia erecta* L. 2 (1937)
 open slopes

1190-7a

482 *Eugenia monticola* (Sw.) DC.
Eugenia guava ?
tree, flowers white 7

483 *Eugenia coffeeifolia* DC.
Eugenia pseudo-pudicum ? (peduncle here very short)
Myrcia Duchasseneana ?
a tree; berry red, single seeded and on a
woody stalk. 13

484 *Eugenia cordata* DC. var. *Pantaneira* Krug & Urb. 7
(Kaierskord)
small tree; lvs glandular dotted

485 *Eugenia leguminosa* Willd. (Sw.) 7
shrub 5-7m; berries change from
red to black at maturity

486 *Eugenia jambos* (L.) Alston
"jimrose" or "rose bay" 2 (1937)

487 *Myrcia deflexa* (Poir.) DC. 13
tree (deflexa, divaricata, ferruginea.)

488 *Myrcia deflexa* (Poir.) DC. 14

489 *Myrcia splendens* DC.
Stephen Hawaian plane at Mt. Joy Aug. 1928

490 *Prinella racemosa* (Miller) J. W. Moore
~~acris~~ et. al. 2 (1937)

491 *Prinella racemosa* (Miller) J. W. Moore 5
~~acris~~ et. al.

492 *Pimenta racemosa* (Mill.) J.W. Moore 4
Annona ~~racemosa~~ *Mill.*

493 *Pimenta racemosa* (Mill.) J.W. Moore 7

494 *Pridium Guajava* L. 8
 2m.

495 *Pridium Guajava* L. 13
 - roadside near Sylvana house
 - spontaneous

496 *Pridium Guajava* L. 4
 small tree

MELIACEAE

497 *Nicoria cornacea* Dc. 17
 small tree or shrub (perhaps dwarfed)
 at open summit

498 *Nicoria mirabilis* (Bubl.) L.O. Wms. 13
Nicoria ~~mirabilis~~

499 *Nicoria laevigata* ^(L.) Dc. 4
 shrub the size of *Sambucus*;
 fruits blue-black

500 *Nicoria vulcanica* Rand. 17
Nicoria laevigata Dc.
~~large~~? very large leaved spec!
 "muddy forest" (exchar.)

501 *Nicoria laevigata* Dc. 13
 tree

(Anhur)

502 *Miconia racemosa* DC.
(tree 7m?) - shrub 2-3 m
along path to west orchards 13

503 *Miconia striata* (Vahl) Cogn.
tall shrub 10

504 *Miconia striata* (Vahl) Cogn. 3

505 *Miconia striata* Cogn. 2 (1937)

506 *Miconia trichotoma* DC.
small tree in forest. 16

507 *Miconia trichotoma* DC.
(Desr.)
along ^{mt.} road. 5 (1937)

508 *Miconia trichotoma* DC. 13

509 *Miconia*
Charianthus purpureus Don. var. ^{rugosus} ~~purpureus~~ Hodge 17
- common in summit; shrub or
small tree, 2-7 m; flowers scarlet- crimson

510 *Miconia purpuracea* (Vahl) Grise. 5 (1937)
(fls + fruits larger than *Novialis*)

511 *Miconia purpuracea* (Vahl) Grise. 2 (1937)
open slopes

512 *Miconia purpuracea* (Vahl) Grise. 13
- fls. white  - lvs. like *Novialis* but fls. fruit
- small tree or shrub, 1-4 m; on open slopes. fls. larger

513 *Miconia ernstii* Wardack 11
 2-3m; in many forest
 (near minutiflora)

514 *Miconia* Clear specimen Rapa + Spec. no. 17
 (some)
 shrub, 2-3m

515 *Chorianthus corymbosus* Cogn. (L.C. Rich.) 14
 (see Cooper # 79, 31)

516 *Chorianthus alpinus* (Sw.) Howard 11
Chorianthus caeruleo-dom.
 shrub, 1-2m. mud forest.

517 *Graffenreidea latifolia* Trinervia (Naudin) 16
 shrub or small tree; 8m, spreading
 (see Eggers # 750)

518 *Cleidemia umbrosa* Cogn. 2 (143)
 (see Eggers # 99)
 note is made from the blue-black berries

519 *Cleidemia umbrosa* Cogn. (Sw.) 14
 berries black

520 *Cleidemia hirta* (L.) D. Don. 10
 1-2m., petals white

521 *Pterolepis glomerata* (Rottb.) Neig. 14
 not clearing

522 *Pterolepis glomerata* (Rottb.) Neig. 8
 petals white

523 *Pterolepis glomerata* (Rottb.) Neig. 13

524 *Pterolepis glomerata* (Rottb.) Neig. 10

525 *Pterolepis glomerata* (Rottb.) Neig. 2 (173)
 open slopes; 4 pink petals

526 *Pterolepis glomerata* (Rottb.) Neig. 5 (173)

527 *Pterolepis glomerata* (Rottb.) Neig. 4
 petals white

528 *Nepsera aquatica* (Aubl.) Neud. 2 (173)
 up to 1 m, much branched.
 - cleared slopes

529 *Nepsera aquatica* (Aubl.) Neud. 10
 - petals white
 - 1 dm.

530 *Tilouchium ornatum* (Sav.) Baillon 17
 ~~*chamaecostus* Cogn.~~
 growing closely upon rocky summit

CONFIRMED

531 *Terminalia Catappa* L. 6
 large tree, called "wild almond"

532 *Maria racemosa* Sw. 16
(see Cooper #38, and Murray)

533 *Calophyllum inophyllum* L.
Calophyllum Calabas Jacq. 9
- a tree used as a windbreak
near the hospital at Portsmouth
(see Rauvage)

534 *Clusiina mangle* L. Richard ex Planchon & Triana 17
Clusiina venosa Jacq.
- dominant tree on the summit
- 2-3 (2-7) m., with milky sap; Ka Klae;
(L. venosa, alba, or venosa) terrestrial, not parasite or epiphyte

535 *Clusiina* ^{Bl. 1825} *alba* L. major L. 13
tree; flowers white and water-lily like
in their fragrance; fruit maroon; all
parts of plant with sticky, milky juice
- woodland trail

536 *Tovarita* ^{leaves} *Plumieri* Guiseb. 13
tree on forest land.
(dark at NY) OK! what 1940

Euphorbiaceae.

537 *Sloanea caribaea* Krug & Urban 14

538 *Sloanea* ^{*Mossoni* Sw.} _(*Leptandra* Chiray) 4 (1937) det. G.
_(*Mossoni* Sw. ?) small
mountain rainforest; the fruit accompanying this number
was found beneath the tree so may not belong to the
leathy portion of specimen.

Massonii Fr.

det. E. Smith
3 10/52

534 *Sloanea truncata* Aitton
chestnut-like berries occur on main
branches.

~~1100~~

540 *Triunfetta semitrichia* Jacq. 7
1m.

~~1100~~

541 *Sterculia caribaea* R. Br. 3
flowers red; bark tough

542 *Sterculia caribaea* R. Br.
not woodied ravine. 14
(see Britton + Rogers - Trinidad -
#1327 for adult leaf and young
leaf) this certainly does not look
like my other no. of *S. caribaea* - above!)

~~1100~~

543 *Ceiba pentandra* (L.) Gaertn. 10
tree up to 25m; called "jin tree"

Map

544 *Thespesia populnea* Standl. Aug 1, 1938
- small strand tree, Prince Rupert Bay.
- flowers flesh-colored

545 *Sida rhombifolia* L. 2 (1937)
- pale orange petals
- on cleared slopes.
(see Cooper #13)

546 *Sida acuta* N. Burman
carpiniifolia?
pale orange flowers 2

547 *Sida acuta* N. Burman
carpiniifolia common
pale orange petals with a deeper center 4

548 *Sida rhombifolia* L. Aug. 1937
open roadside near Layon

549 *Hibiscus tulipaeflorus* Hoste (i)
variously branching tree in cleared
opening; hairs stellate 14

550 *Bunchosia nitida* (Jacq.) Stev. DC.
- small tree 7m; berries orange 16
- bark with sharp odor.
(See Durs #2411, cited in Niedenzu)

551 *Heteropteris platyptera* DC.
- fruits red; 2-4 m spreading
shrub, growing over a rock 13

552 *Brysonima* ~~trinitensis~~ A. Juss.
tree ? 16

553 *Brysonima* ~~martincense~~ (Lam.) A. Juss.
(Was *Brysonia* ~~trinitensis~~ Knob + Blan.) 16
(Was *Brysonia* ~~martincense~~ Knob + Blan.)
as follows: - Murray #332, Ramage 5 VII 1888 (*B. lucida*)
and 7 II, 1889)
tree; pale pink petals; red pedicels; ant-gyn. yellow

554 *Stigmaphyllon puberum* (L.C. Rich.) A. Juss.
woody vine; flowers yellow streaked with faint orange.

555 ✓ *Croton christophensis* (Lam.) Vahl 7
~~astrovites~~ ~~Ait.~~ — det. v. Calabria 1941
 small tree

556 *Croton flavens* L. 7
~~balsamiferus~~ L. det. Calabria 1941
 small tree
 (see Murray innom - v. fuscum)

557 ✓ *Croton corylifolius* Lam. 7 det. v. Calabria
~~gumiflous~~
 umbans
~~corylifolius~~
 small tree

558 *Croton flavens* L. ~~var.~~ 7 det. Calabria
 var.
 (possibly = 556) this is very different in degree of
 pubescence from usual run in herbarium.
 - see if there is a var. balsamifer
 (same as Murray)

559 *Euphorbia heterophylla* L. 12
~~gummifera~~ Ait.

560 *Chamaesyce hirta* (L.) Millsp. 2
~~Euphorbia hirta~~ L.

561 *Chamaesyce hirta* (L.) Millsp. 12
~~Euphorbia hirta~~ L.

562 *Chamaesyce hirta* (L.) Millsp. *Zygophelia hirta* L. 8
along river bank marshes

563 *Chamaesyce hypericifolia* (L.) Millsp. *Zygophelia hypericifolia* L. 2

564 *Chamaesyce hypericifolia* (L.) Millsp. *Zygophelia hypericifolia* L. 6
"synthetic white"

565 *Euphorbia heteromorpha* ? 9

566 *Euphorbia Chamaesyce thymifolia* (L.) Millsp. 12

567 *Rickeria grandis* Vahl. 16
tree of deep forest.

568 *Rickeria grandis* Vahl 2 (1931)
wood floors and silky

569 *Rickeria grandis* Vahl 16
tree

570 *Ricinus communis* L. 12
spontaneous in lime orchard

571 *Acalypha Wilkesiana* Muell. : fig. Aug. 1931
var. *musacea*
Chattawagon estate, belonging to
Tavmier

572 *Phyllanthus* *Tinellus* Roffb. 16

Phyllanthus tenellus Roxb. Fl. Ind. Ed. 2 J3: 668, 1832
cited Webster Jan. 1957
from Ann. Tr. 1957

573 (*Phyllanthus Muiri* L.) 13
tree 2 spes. of Cooper; there seems
to be variations in this sps. or else
this is different; see margin; species ^{where??} ~~poorly~~ surface.)

573A *Phyllanthus carolinensis* ssp. *guianensis* (Klotzsch) Webster var. 10
antillarum
574 *Phyllanthus Muiri* L. Amarus Schum. Aug. 1937
var. *geminus* Muell.
Muell. Arg.
! cited
roadside near Bayon

575 *Phyllanthus Minaria* L. 16
roadside margin

576 *Phyllanthus Minaria* L. 2.

CUPUACU

577 *Steinmannia guinata* Z. 17
shrub 2-3m; stamens, filaments white

BAKAT

578 *Licania ternateensis* Hook f. 16
- up to 35m high and 1m in diam.
- "Bai durable" of the peasant; wood used for making coal.

579 *Hirtella triandra* Sw.
- petals white, filaments of stamens red 13
- tree 15m; along side of stream
(see Murray and Eggers "guineensis")

580 *Rubus rosaceolus* Sw. 17 - ^{? correctly}
open cleared land.
wild or red raspberry; fruit with poor flavor

581 *Rubus rosacefolius* L. 2 (1937)
 red raspberry
 on cleared slopes

582 *Chrysobalanus icaco* L. 8

583 *Chrysobalanus icaco* L. 10
 moist open pastureland beyond
 Portsmouth hospital

584 *Chrysobalanus icaco* L.
 small shrub 1-2m, forming
 thickets; flowers greenish-white;
 fruit blue at maturity with whitish pulp.

585 *Chrysobalanus icaco* L.
 fruit blue at maturity; small shrub to 2m. 5

- 36, 1937 -

586 *Swartzia simplex* (Spreng.) Spreng. 3
 a tree; fruit orange; seed black
 (see Fishlock 14; S. caribaea of Cooper #48)

587 *Abrus precatorius* L. August 1937
 roadside near Layon

588 *Hesychynomea sensitiva* L. 13
 1-2m upright branching with yellow
 fls; swampy meadowland
 (see Cooper 67!)

589 *Aeschynomene sensitiva* Sw. 10
yellow flowers
(see Cooper 61)

590 *Alyssum vaginale* (L.) DC. 2
Flowers lavender-purple

591 *Alyssum vaginale* (L.) DC.
prostrate in middle of Dungeness road Aug. 1938
about 200 m above Canefield estate

592 *Calceolaria* ^{crista}_{or} *bondae* (L.) Rost. Aug 1, 1938
beach creeper with yellow flowers Prince Rupert Bay

593 *Cassia glandulosa* L. ^{var.}_{or} *swartzii* (Willd.) Macbr. 5 (1937)
var. *swartzii* (Willd.) Macbr.
along Grand Bay road between
Bellevue and village

594 *Cassia glandulosa* L. ^{var.}_{or} *swartzii* (Willd.) Macbr. 5
Cassia polyadenia DC.
Flowers yellow

595 *Cassia tora* L. *obtusifolia* L. 12
Flowers bright yellow.

596 *Cassia occidentalis* L. 9
Flowers yellow.

597 *Cassia occidentalis* L. 12

598 *Cassia occidentalis* L. 2 (1937)
"wild coffee" open slopes.

599 *Centrosema virginianum* (L.) Benth. 2
darker until blue purple flowers.
(see Murray 53)

600 *Centrosema virginianum* (L.) Benth.

600 *Crotalaria retusa* L. 2
orange red standard; yellow wings

601 *Crotalaria retusa* L. 6

602 *Crotalaria retusa* L.
standard bronze on back Aug. 1937
- beside road to Witten Waren

603 *Crotalaria retusa* L. 12

604 *Crotalaria verrucosa* L. 12
purple wings

605 *Crotalaria spectabilis* ^{Roth} ? back
"yellow sweet pea" Aug. 1937
along road to Witten Waren

606 *Dalbergia Escotaphyllum* (L.) Taub. Aug. 1, '38
- semi creeper on beach at Prince Rupert Bay
- flowers white

607 *Dalbergia Escotaphyllum* (L.) Taub. 8
shrub

608 *Haematoxylon Campechianum* L. 8

609	<i>Endosperma suffruticosa</i> Willd.	8
	- varieg = pink	
	- a low shrub.	
610	<i>Lysa rugoides</i> (Rich.) Willd.	
	- stamens filamentous style	Aug. 1937
	- young hedge road near Layon	
611	<i>Lysa laurina</i> (Sw.) Willd.	13
	" <i>lys doux</i> "	
612	<i>Lysa laurina</i> (Sw.) Willd.	2 (1937)
	" <i>lys doux</i> "; much used as a	
	"wind break".	
	(see Cooper 185!)	
613	<i>hemiceraspidea</i> (Jacq.) de Wet.	2
	<i>hemiceraspidea</i> (L.) Benth.	
	flowers buff	
614	<i>Lonchocarpus violaceus</i> (Jacq.) HBK ex DC.	7
	common tree on the Calrits; possesses	
	a lilac-like fragrance.	
	- flowers lavender; (pedicels stem!)	
615	<i>Mimosa casta</i> L.	
	coarse scrambler in hedge or	
	thicket along the Imperial Road about	Aug. 1938
	a mile above Canefield estate	
	(see Eggers #564)	
616	<i>Mimosa pudica</i> L.	5 (1937)
	roundleaf weed (see Cooper #85)	

617 *Pithecellobium insigne* (Willd.) Urb. 13
Microlobium ~~insigne~~ Benth.
 - tree 15m on edge of wooded gorge
 - (see Eggers # 771, Murray # 121)

618 ? *Oxythyrea axillaris* DC. ?
Rhynchosia phaseoloides DC. 2 (1937)
 - flowers pink
 - on open slopes.

619 *Tamarindus indica* L. Aug. 1937
 Chattanooga estate of Tavernier's

620 *Tamarindus indica* L. 12
 planted (?) along roadway bordering
 Woodbridge bayfront.

621 *Tephrosia noctiflora* Boparay Baker
Tephrosia Walkeri Graham 5 (1937)
 Flowers purple and white

622 *Macroptilium lathyroides* (L.) Urb.
Vigna sepium (L.) Steud.
 luteola (Jacq.) Benth.
 ↓
 6

623 *Vigna sepium* (L.) Steud.
 luteola (Jacq.) Benth.
 certain do not too closely
 resemble one another!

624 *Vigna luteola* (Jacq.) Benth. 8
Vigna sepium (L.) Steud.
 trailers on beach; flowers yellow

625 *Drimodendron adscendens* (Sw.) DC. 2 (1937)

626 *Drimodendron incanum* A.T. Candolle 2 (1937)

627 *Desmodium incanum* A. P. Candolle 2

628 *Desmodium incanum* A. P. Candolle Sept. 2 '37
roadside near mouth of the bayou river

629 *Desmodium ascendens* (L.) DC. 8
- local name "sweethearts"

630 *Desmodium ascendens* (L.) DC. 5 (1937)
roadside near Grand Bay village

MORACEAE

631 *Ficus citrifolia* P. Miller
(*Ficus leptocephala* Vahl) checked at
tall tree; twigs w/ milky juice 8 N.Y.

632 *Cecropia schreberiana* Mig.
(*Cecropia pulchra* L.) 14
tree = bois canot

UTI - 205

633 *Phenax sonneratii* (Poir.) Wedd. 3

634 ^{all} _{one} sp. *Phenax vulgaris* Wedd. = *P. sonneratii* (Poir.) Wedd. 10 RAI 2/59

635 *Phenax sonneratii* (Poir.) Wedd.
Phenax vulgaris Wedd.
in wet gravelly drain near
house 13

636 *Pilea venulifera* (Poir.) Wedd. 5
on face of moist, mossy cliff
on face of moist, mossy cliff

637 *Pilea microphylla* (L.) Liebm. 5 (1937)
var.
Flowers white

638 *Pilea microphylla* (L.) Schum
in gravelly wet drain near
mouth of main home. 13

639 *Pilea semidentata* (Poir.) Wedd. (Poir.)
epiphyte on a tree near the
Twin Waterfalls in the valley of
the Roseau just below hamlet. Aug. 1937

640 *Pilea inaequialis* (Poir.) Wedd. (Poir.)
epiphyte on trees at middle
altitudes. 11

641 *Pilea inaequialis* (Poir.) Wedd. (Poir.)
(base more crenate than material in gray
folios; trichomes on the leaf margin are not
mentioned in Butter & Wilson's description) 57(1937)

642 *Pilea inaequialis* (Poir.) Weddell 2
(this has not pilosity of other inaequalis above;
perhaps closer to *P. hispida* Schum.)

643 *Fleurya aestuans* (L.) Griseb. ^{Laportia} Chev.
(see Eggers #630) 13

644 *Boehmeria raniiflora* Jacq.
spreading shrub 2-6 m.
(see Eggers #515) 15

645 *Boehmeria raniiflora* Jacq. 57(1937)

TRILOMELIAE

646 *Flex. silvox genitae?* 14
bark.

647 *Flex. silvox genitae* (Sw.) Griseb. 2 (143)

TRILOMELIAE

648 *Histeria cocinea* Jacq. 15 f.
a tree with tiny white axillary
flowers,

649 *Histeria cocinea* Jacq. 3
tree 7m flowers buff

LORANTHACEAE

650 *Homalanthus trinervium* (Lam.) Griseb. 7 PHA
~~antillarum~~ ^{trinervium} ~~heterocl.~~ parvifl.

651 *Putticanthus martinicensis*, Engl. 16
(Schultz)
parvifl. on a mango

DIPTEROCARPACEAE

652 *Zanthoxylum triplacatum* (Sw.) Kuntz + Urban 7
small trees; berries still green

653 *Pachyllobus hexandra* Engl. ^{*dacryodes excelsa* Kuhl} 16
"so gommier"; mountain forest
timber tree whose boles are the
source of Carib canoes; leaves
aromatic; trunk exudes resin
when injured; tree straight and growing 30-50m; trunk up to 1m
(in Indian)

541 ~~+~~ 55

654 *Cardiofernum microcarpum* Kunth var? *Hispidium* *microcarpum* *Kunth* 9

655 *Paulownia pinnata* L. 8
a vine with white flowers growing
through a mass of *Thespesia* along
Sunset Bay.

FRUITING PLANTS

656 *Maunigyna indica* L. 2 (1737)

657 *Maunigyna indica* L. 8 (1731)
small tree

658 *Maunigyna indica* L. 6
Protium attenuatum (Roxb.) Urban

659 ~~*Maunigyna*~~ *Metopium* L. 4
tree

660 *Prunus dulcis* *occidentalis* L. 9
"wild almond"

SHRUBS

661 *Drimygium attenuatum* (Sw.) Kunth 17
- dwarfed tree or shrub at ^{sun} exposed,
up to 4 m
- flowers white, berries black

SHRUBS

662 *Hydrocotyle sibthorpioides* Lamark *astromioides* *Thunb.* 13
- creeping close to ground in wet
gullied drain near the roadside (none of this species but the ^{older} *Thunb.* *astromioides* *Thunb.*)

663 *Syzygium portulaca* L. 7

664 *Symplocia racemosa* (Vahl) Stearn
~~Heracleum racemosa~~ Vahl. 11
2-3m. tall

665 *Chrysophyllum Caimito* L. 2 (1937)
tree cultivated?

666 *Myrsine coriacea* (Sw.) R. Br. ex Roemer & Schultes
Lycaena ferruginea (R&P) Mez? 2 (1937)
checked at U. S.
this is best can be done!

667 *Stylogyne lateriflora* (Sw.) Mez.
~~Scaphium conjugans~~ (Burm.) Mez. 14 det. N.Y.
on mountain at 4,600' humid

668 *Stylogyne* ~~glandulosa~~ (Burm.) Mez *lateriflora*
(Sw.) Mez
small tree near summit; flowers
buff and fragrant (see Smith's St. Vincent spec.) 11 det. N.Y.

669 *Syjelia Anthelma* L. 2

670 *Syjelia Anthelma* L. 10

671 *Syjelia Anthelma* L. 6
porous trunk

672 *Plumeria rubra* L. 2 (1937)
along road to home

673 *Rauwolfia viridis* Roemer & Schultes
Rauwolfia Lamarckii A. DC.
 shrub with small white fls. 8 det at N.Y.

674 *Rauwolfia viridis* Roemer & Schultes
Rauwolfia Lamarckii A. DC. 7 det at N.Y.
 small tree

675 *Tabernaemontana citrifolia* L. Jacq. 8
 small tree; juice milky

Psychotria

676 *Psychotria curassavica* L. 13

Rubiaceae

677 ~~*Cephaelis Suarctia* DC.~~ *Psychotria urbaniana* Steyermark 3 (1937)
 involucres lavender; common in
 mountain rainforests

678 ~~*Cephaelis Suarctia* DC.~~ *Psychotria urbaniana* Steyermark
~~*Cephaelis Suarctia* DC.~~ 16
 1-2m shrub "fruits" pale blue

679 ~~*Cephaelis Suarctia* DC.~~ *Psychotria urbaniana* Steyermark
~~*Cephaelis Suarctia* DC.~~ 14
 - common understorey 1-2m
 - fls white with blue involucres to
 the head.

680 ~~*Cephaelis Suarctia* DC.~~ *Psychotria urbaniana* Steyermark
~~*Cephaelis Suarctia* DC.~~ 11
 - straggly common understorey
 1-2m
 - bluish involucres

681 *Gonzalagunia tenuiflora* (Jacq.) K. Schum 2 (1937)
 probably but not esp. dark nonmealy leaves

682 *Gonzalagunia ~~lanceata~~ (Jacq.) Schum.* 3
yellow root with course.

683 *Chiococca alba* (L.) Hitchc. 4
woody creeper; flowers yellow streaked
with maroon

684 *Erythroxylum ~~odoriferum~~ ~~hastatum~~ ~~fruticosum~~* L. 5 R.A.H.
pale yellow flowers

685 *?Papaverum croceum* (Sw.) Schultes? 2 (1937)
Psychotria ~~indigena~~ Sw. pett
red berries

686 *Papaverum ~~Psychotria~~ croceum* (Sw.) R. + S. det R.A.H.
Salicocrea ~~repanda~~ Beauf 13
tall shrub, common in forest borders
at moderate altitudes (2000'), red pedicels
and peduncles, flowers yellow.

687 *Papaverum ~~Psychotria~~ croceum* (Sw.) R. + S. det R.A.H.
Salicocrea ~~repanda~~ Beauf 3
shrub 4-5 m; flowers yellow on
red pedicels

688 *Tarauma occidentalis* (Jacq.) L. + R.H. 16
small forest tree, 10 m; buds magenta, opening white.

689 *Tarauma occidentalis* (Jacq.) L. R.H. 14
small forest tree, 7 m; flowers jasmine-like

690 *Tarauma occidentalis* (L.) R.H. 13

691 *Psychotria religiosa* Sw. 11
 shrub 1 m high; berries red;
 middle forested slopes.
 (mutation not quite right for above sps!)

692 *Chiococca alba* (L.) Hitchc. 5
 woody vine with yellow fls.
 (see also 683)

693 *Rudgea citrifolia* (Sw.) K. Schum. 13

694 *Rudgea citrifolia* (Sw.) K. Schum. 2 (1937)
 fruit orange-colored

695 *Chimarrhis cynosuroides* Jacq. 14
 tree, flowers white
 (see Cooper 38)

696 *Hondelelea parviflora* Poiret
~~*cordata* Griseb.~~ 16
 tree; fls with 5 buff petals; rbs and
 petioles bright red. (What is difference
 between this and *L. stereosarcyn*?) — see N. Am. flora treatment by Standley

697 syn { *Schradiera capitata* Juss. *S. exaltata* (Gmelin) 11
~~*cinerea* Retzii~~ J. F. Gmelin. Standl.
 or *S. clusiifolia* Britt & Standl, where
desmognathus this does not too well fit.
 Murray is supposed to have collected a sps of *Schradiera* so see
 if it is same as mine, which does not agree as far as
 individual size and lat'l vein anastomoses with *S. caputata*
spumans in Gray.
 — dominant on mountain; flowers white

698 *Guettarda scabra* L. ^{ventricosa} 3
tree 5 to 10 m; flowers white

699 *Psychotria* ^{Psychotria} *crocea* (Sw.) R. + S. det R.P.H.
~~Chlorococca~~ ^{var.} ~~viridis~~ Benth. 2 (1937)
(does not look like above - maybe variety - check at N.Y.)

700 *Psychotria* ^{Psychotria} *aubletiana* Steyermark
~~Cephaelis~~ ^{Cephaelis} *aubletiana* Steyermark 11
- shrub 1-3 m common undergrowth
in the mountain ravine
- flowers white on bluish base

701 *Psychotria* ^{Psychotria} *aubletiana* Steyermark
~~Cephaelis~~ ^{Cephaelis} *aubletiana* Steyermark 17
- shrub indigo; common undergrowth in
high mountain pastures; shrub 1-2 m.

702 *Withia* ^{Withia} *parasitica* Jacq. 11
white fls found lying on forest floor
beneath large trees

703 *Hemidiodia* ^{Hemidiodia} *ocimifolia* Willd Aug. 1937.
"wild quail" eaten
roadside near Layon

704 *Spermatoce* ^{Spermatoce} *affinis* M. Jacq.
~~Borreria~~ ^{Borreria} *laevis* (Lam.) Griseb. 2
powder white

705 *Borreria* ^{Borreria} *laevis* (Lam.) Griseb. 8
ordinary flowers white

706 *Borreria* ^{Borreria} *laevis* (Lam.) Griseb. 14
fls white with pink pinkish tips
- in wet open clearings

707 *Spermacoce suffruticosa* N. Jacq.
Borreria lacvis (Lam.) Griseb. 3
 flowers white

708 *Spermacoce suffruticosa* N. Jacq.
Borreria lacvis (Lam.) Griseb. 2 (1937)

709 *Spermacoce suffruticosa* N. Jacq.
Borreria lacvis (Lam.) Griseb. 13

710 *Morinda citrifolia* L. 8
 - coarse shrub 2-4 m; flowers white

711 *Psychotria* Benthemus DC. 16 checked at
 (if this is correct the specimen is
 unusually small!) N.Y.

712 *Psychotria* (*Trichilia*) ^{mapouricoides} ~~nitida~~ DC. 13 det. N.Y.
 (*Trichilia*) ^{nitidula} (*nitida*) Willd.
 (*Trichilia*) ^{nitidula} (*nitida*) Willd.

713 *Psychotria* (*Trichilia*) ^{nitida} Willd. 3 det. N.Y.
 (*Trichilia*) ^{nitida} Willd.

714 *Psychotria* ^{guadalupensis} (*DC.*) Howard
 (*Trichilia*) ^{pendulosa} (*Jacq.*) Willd. 14 det. R.H.
 epiphyte with red berries

715 *Psychotria* ^{crassa} ^{pendulosa} (*Jacq.*) Willd. 2 (1937) det. R.H.
 white flowered epiphyte in savanna

716 *Psychotria* ^{crassa} ^{pendulosa} (*Jacq.*) Willd. 11 det. R.H.
Mapourea pendula Jacq.
 epiphyte

		guadalupensis (H.C.) Howard	
717	<i>Proctotrichia</i> <i>epizygote</i>	readat (Jacq.) Ulbr	17 det R.H.
718	<i>Psychotria</i> seedling? on rock & det.		7
719	<i>Ichradenia extata</i> (Gmelin) Standl. <i>Stradaria extata</i> Gmelin climbing vine. Jorest		det H.V.
720	lvs. lvs. lvs.		2 (1937)

COMINIFERE

721	<i>Acenella</i> <i>Galanthus uliginosa</i> (L.) Caisini - yellow-orange disc - weed - in gravel drain near rounda of main house		13
722	<i>Acenella uliginosa</i> (Sv.) Caisini <i>Galanthus uliginosa</i> L. fls. yellow. weed.		9
723	<i>Emilia sonchifolia</i> DC. pink fls.		9
724	<i>Emilia sonchifolia</i> DC. pink		10
725	<i>Emilia fosterii</i> Nicolson <i>Emilia sonchifolia</i> DC. deep red-flowered form		2

726 *Emilia sonchipolia* DC. 6

727 *Emilia sonchipolia* DC. *roadside near Layon* August 1937

728 *Emilia fosterii* Nicolson ~~*sonchipolia* DC.~~ 2 (1937)
open places

729 *Parthenium hysterophorus* L. 3

730 *Parthenium hysterophorus* L. 12
under lime trees in ~~and will~~ ~~fall~~ state

731 *Chaptalia mutans* DC. (L.) Polakowsky 2

732 *Chaptalia mutans* DC. (L.) Polakowsky 2 (1937)

733 *Tridax procumbens* L. 12

734 *Tridax procumbens* L. 2

735 *Albulaia erosa* (Sw) DC. 14
a tree; corolla white, anthers tube
black.

736 *Albulaia erosa* (Sw) DC. 17
flowers white, anthers black
shrub or dwarf tree up to 4m.
- in moist forest.

737 *Pectis humipesa* T. Swartz ~~ray florets yellow; purple br.~~ ~~5/1937~~ ~~10~~

738 *Fleischmannia microstemon* (Cassini) King & H. Robinson
~~equatoriana~~ ~~microstemon cass.~~ 5/1937

739 *Fleischmannia microstemon* (Cassini) King & H. Robinson
~~equatoriana~~ ~~microstemon cass.~~ 10
flowers white

740 *Fleischmannia microstemon* (Cassini) King & H. Robinson
~~equatoriana~~ ~~microstemon cass.~~ 15
flowers white

741 *Chromolaena*
~~equatoriana~~ *trigonocarpa* (Gusséb.) King & H. Robinson 2(1937)
Cooper #4 is not this!

742 *Wrdellia trilobata* (L.) Hitchc.
"yellow or red marigold"
common 10

743 *Wrdellia trilobata* (L.) Hitchc.
common 2

744 *Wrdellia trilobata* (L.) Hitchc. 2(1937)
common

745 *Wrdellia* ^{calycina} L. C. Richard
Juguncina Knob var? 2.

756 *Baileya pedunculata* (Miller) Cabrera
~~rotundifolia~~ ~~Hitchc.~~ Attaan 11
white fls; plant to 2 m;
lower foothills slopes
(is *B. sparsa* DC syn?)

747 *Vernonia cinerea*, L. ^(L.) 12

748 *Vernonia cinerea*, L. ^(L.) 10 9
pink flowered

749 *Asteromia elatior* ~~conyzoides~~ L. 8

750 *Ageratum conyzoides* L. 13
forma album (Willd.) Robinson
white flrs; cleared roadside

751 *Ageratum conyzoides* L. 8
forma album (Willd.) Robinson

752 *Ageratum conyzoides* L. 4

753 *Ageratum conyzoides* L. 2
forma powder blue

754 *Ageratum conyzoides* L. 10
flowers powder blue

755 *Ageratum conyzoides* L. 3 (1937)

756 *Synedrella nodiflora*, Gaertn. ^(L.) 13
cleared slopes

757 *Synedrella nodiflora*, Gaertn. ^(L.) 2 (1937)
cleared slopes

758 *Syndrella nodiflora*, Gaertn. (L.) 12

759 *Syndrella Wulffii baccata* (L.f.) Kuntze orange flowers; *syndrella* appears 16 det. N.Y. wordy herb 1-2 m

760 *Wulffia baccata* (L.f.) Kuntze 2(143) det. N.Y.

761 *Wulffia baccata* (L.f.) Kuntze ? 14 1-2 m.

762 *Wulffia baccata* (L.f.) O. Kuntze 5(1937)

763 *Bidens pilosa* L. ~~alba~~ var. *radiata* (C.H. Sch.) Benth. rays white; radicle plant in 13 shaded, sunny areas.

764 *Bidens pilosa* L. 9 var?

765 *Mikania micrantha* HBK 4 (heads a little orange)

766 *Mikania micrantha* HBK 13 shaded slopes

767 *Mikania* ^{ovalis} ~~hastata~~ ^{Griseb.} 17 in mossy forest

768 *Mikania* ^{ovalis} ~~hastata~~ ^{Griseb.} 11 mud-forest climber

769 *youngia*
Crepis pygmaea (L.) ^{AC.}
~~pygmaea~~ Nutt. 13
 flowers yellow; need air drain near the
 manda of the house.

770 *Conyza canadensis* (L.) Cronquist
~~Conyza pratensis~~ Nutt. 5 (1937)
 Is this same as *C. canadensis* ?
 Knobell treats it as such!

771 *Conyza apurensis* Kunth
~~Conyza pratensis~~ Vahl. 2

772 *Eriophyllum*
~~Eriophyllum canescens~~, *canadensis*, *panellus*?
 apurensis is no very white or yellow? = canescens) 2

773 *Eryngium prostratum* (L.) Kunze
 var. *glabratum* (DC.) Kunze?
 ray florets white 9

774 *Melanchthera aspera* (N. Jacq.) Steudel ex Small 6
 white fls; woody herb 1-2 m, spreading
 (*M. canescens* (Kunze) V. S. Schultz - *M. aspera* Urb.)
 this is near *M. deltoidea* but yours seems all mixed - esp!

775 *Erechtites hirsutissima* var. *caeruleoides* (Ayr.) Lessing ex Greene
~~Erechtites valerianifolia~~ (Wolf) DC. Aug. 1937
 woodland near Tucson

776 *Erechtites valerianifolia* (L.) DC. (Springer) D.G.
 5 (1937)

777 *Erechtites valerianifolia* (Wolf) DC. 13
 wet meadows behind B. W. Pearce's

778 *Erechtites valerianifolia* (Sprengel) DC. 15
shrub - park.

779 *Erechtites valerianifolia* (Sprengel) DC. 14
open, wet, weedy
shrub - park places.

780 *Erechtites valerianifolia* (Sprengel) DC. 11
a weed in darjeen garden on river
steps.

781 *Erechtites hieracifolia* var. *cacalioides* 16
(Sprengel) Lessing ex Griseb.

782 *Erechtites hieracifolia* var. *cacalioides* 15a
(Sprengel) Lessing ex Griseb.

783 *Emostema verticillatum* (L.) Gilg. 4

PLANTAE

784 *Plantago major* L. 13
used in backyard of man's house at
Sylhet.

LEPTOSPERMACEAE

785 *Nyctarhena longiflora* (L.) C. DC. 6
~~*Leontandra longiflora* (L.) Benth.~~
stem milky juiced; flowers white

786 *Lobelia stricta* Sw.
Tuya glaucescens A. DC. 11
 coarse shrub, 2-3m tall

787 *Lobelia stricta* Sw.
Tuya glaucescens A. DC. 17
 coarse shrub, 2-3m; flowers white

788 *Lobelia kraenzii* Graham
Lobelia persicifolia Lam? 5 (1453)
 (see C. O. Bailey #89 from Guadalupe)

789 *Lobelia cliffortiana* L. 13
 wood in flower bed; flowers pale pink
 (see Eggers #648)

790 ~~stet~~ *Borneria suaveolens* Jacq. ~~stet~~ 9
 young leading from shrub's ports
 at ground - just like Salix

791 *Cordia elliptica* Swartz
~~Cordia latifolia~~ Lam. 13
 flowers white; open woodland tree
 leaves white.

792 *Cordia polycarpa* (Lam.) Johnston 2 (1453)
Corynifolia (L.) J. D. Hook.

793 *Cordia polycarpa* (Lam.) Johnston 14
Corynifolia (L.) J. D. Hook.
 tree

794 *Carica caritaea* (DC.) Griseb.
Tournefortia strobilifera 7
 woody climber

795 *Heliotropium angiospermum* (Nuss.) Bitter 2
 flowers white

SOLANACEAE

796 *Browallia americana* L. 2 (1937)
flowers lavender-blue

797 *Browallia americana* L. 5 (1937)

798 *Solanum americanum* Miller
white flowered herb up to 1m in height 13
growing beneath palms at Dylmania

799 *Solanum americanum* Miller
~~negrum~~ 13 A.
flowers white.

800 *Solanum americanum* Miller 11
growing in a dasheen garden on river
edges.

801 *Solanum americanum* Miller Aug. 1937
var *modiporum* ?
roadside near Bayon

802 *Solanum torvum* Jacq. 7

803 *Solanum torvum* Sw. 8
"wild eggplant"

804 *Solanum torvum* Sw. Aug. 1937
"wild eggplant"
roadside near Bayon

805 *Solanum torvum* Sw. 2 (1937)
"wild eggplant"; up to 2m

806 *Hyacinthoides pauciflora* (Vahl) Bitter (when dry) 2 (1937)

807 ~~CONVOLVULACEAE~~ *Gronaea articulata* (Desv.) Chouzy *Thlaspi (wild.)* Chouzy 13
woody turner on cleared sand at
Sylvania (when dry) + some lo. of 408

808 *Gronaea festigata* (Roxb.) Sweet ? 13
plant common on open slopes; flowers pink
(syn = ? *I. festigata* (Roxb.) Sweet
I. whahlen)
leaves at early x; see p 249 Horn monograph at
I. gracilis R.B.; also look at seed characters.

809 *Capparis phyllomega* (Vell.) House
~~*Gronaea tenuioruina* Chouzy~~ 16

810 *Gronaea pes-caprae* Sw. ex *brasiliensis* (L.) Ostenkrom 6
beach creeper; flowers pink

811 *Ipomoea alba* L.
~~*Calonyction aculeatum* (L.) House~~ 13
- creeping over ground beneath a bamboo clump
- flowers white

812 *Ipomoea quamoclit* L.
~~*Quamoclit gemmata* (Desv.) Wright~~ 2

SCrophulariaceae

813 *Torenia Fournieri* Lindl. 13
weed in gravel drain near home at
Sylvania; probably an "escape".
(seen Mex. covers!)



814 *Lindernia crustacea* (L.) F. Muell. 5 (1937)

815 ^{night} *Lindernia reticulata* (Miers) Hassler
Lindernia crustacea (L.) F. Muell. 13
 flowers blue-purple; in wet gravel
 drain near veranda of Sylvanien estate
 home.

816 *Lindernia crustacea* (L.) F. Muell. 9
 lavender flowers

817 *Lindernia crustacea* (L.) F. Muell. 2
 white and pale purple flowers.

818 *Lindernia rotundifolia* (L.) Weston
~~*Hypoxanthus microcalyx* Pennell~~ 13
 on wet lawn at Sylvanien home

819 *Lindernia rotundifolia* (L.) Weston
~~*Hypoxanthus microcalyx* Pennell~~ 8
 blue to purple on white background;
 in very wet meadow

820 *Siparia dulcis* L. 6
 flowers white

821 *Siparia dulcis* L. 13
 wet meadow behind B.W. Kier's,
 manager of Sylvanien in Amolton's
 absence; flowers white

TRICERATRACE

822 *Utricularia parvula* Vahl. 16
 in wet ditch; flowers yellow

823 *Utricularia alpina* Jacq. 11
epiphyte in wet masses of epiphytic
moss; mossy forest.

824 *Utricularia alpina* Jacq. 11
epiphyte in moss mats; mossy forest
1A

825 *Allopterus cristatus* Mart. var. ^{morion} *tricocalyx* n. 10
a climber upon tree trunks or over
mossy boulders.

826 *Allopterus cristatus* Mart. 11
~~*Nanitocalyx melittifolius* (L.) Wichter~~

827 ~~*Eriosia melittifolia* (L.) Mart.~~ 3
herb, sometimes up to 1 m; flowers
pink

828 ~~*Nanitocalyx melittifolius* (L.) Wichter~~
~~*Eriosia melittifolia* (L.) Mart.~~ 15
vivid pink flowers; on wet dryopis
cliffs (see Eggers # 613, # Cooper # 57)

829 ~~*Nanitocalyx melittifolius* (L.) Wichter~~
~~*Eriosia melittifolia* (L.) Mart.~~ 3 (1937)
in wet clay beneath forest trees

830 ~~*Nanitocalyx melittifolius* (L.) Wichter~~
~~*Eriosia melittifolia* (L.) Mart.~~ 5 (1937)
in shady wet places along road

831 *Besleria lutea* L. var. *laurayi* Urban. 5
Flowers yellow.
Leaves ^{seem to} differ from those of typical: see
Morton *revviori*)

832 *Besleria lutea* L. var. *laurayi* Urban 2(1937)
flowers yellow; fruit red. "

833 *Achimenes longiflora* DC. 5(1937)
probably an escape; along roadside
(only recorded from Mex!)

834 *Gloriosa*. 5(1937)
probably escape.

835 *Groneria nutricosa* Sw. 14
- shrub or ~~small tree~~, 4-5 m.
- flowers scarlet

86

836 *Cyphostemma aequinoctiale* (L.) Miers 7
~~*Sophora angustifolia* L.~~
climbing on tree trunks in woodlands.

837 *Spathodea campanulata* Beauv. 2(1937)
foliage macerated; flowers found as
"drops" upon the ground; a tall tree
probably cultivated.

838 *Spathodea campanulata* Beauv. 13
flowers vivid orange; wood brittle and
weak; cultiv. near estate house, tree 10 m.

839 *Tabebuia pallida* Mierv. 6
flowers pink; tree up to 7m tall, growing
in similar sites to *Coccoloba uvifera*

~~840~~

840 *Leptzagathia alopecuroides* H. Br. 4
Tiliostachya alopecuroides (Vahl) Nees

841 ~~Leptzagathia alopecuroides~~ H. Br. 2 (1937)
cleared wet slopes.

842 *Tiliostachya* (Vahl) Nees
~~Leptzagathia~~ *alopecuroides* H. Br. 14
open, wet, cleared land on *Coccothrinax*

843 *Tiliostachya* (Vahl) Nees
~~Leptzagathia~~ *alopecuroides* H. Br. 13
open, wet, cleared land on *Coccothrinax*

844 *Thunbergia alata* Bjer. 13
- herbaeous climber in waste places
- flowers orange

845 *Thunbergia alata* Bjer. 2 (1937)
roadside turner; flowers bright orange

846 *Pachystachys riedeliana* Nees
~~coccinea (Aubl.)~~ 5
scarlet fls.

847 *Pachystachys riedeliana* Nees
~~coccinea (Aubl.)~~ 9
low shrub with scarlet flowers

848 *Odontonema nitidum* (Jacq.) Kuntze 6
purple pers.

849 *Odontonema nitidum* (Jacq.) Kuntze 3
small tree or shrub
(re Cooper #45, Eggers #545)

850 *Odontonema nitidum* (Jacq.) Kuntze 14
magenta pers.; shrubby tree on slopes (open)
of Morne Colla Anglais

851 *Odontonema nitidum* (Jacq.) Kuntze 2 (1437)
red-purple pers.

852 *Justicia androsaemifolia* (Jacq.) Lindau ^{new} 7
~~MONTEVIDEO~~

853 *Bontia daphnoides* L. 7

854 *Bontia daphnoides* L. Aug 1. 1938 8
- shrub 1-2 m, spreading
- flowers red
- growing on bank near latrines,
Prince Rupert Bay

855 *Tantana camara* var. *aculeata* (L.) Moldenke ^{new} 8
~~MONTEVIDEO~~
Tantana polystachys Schauer
- leaves with minty odor
- flowers mixed pink and yellow

856 *Tantana camara* var. *aculeata* (L.) Moldenke 10
Tantana polystachys Schauer
- 2 m, spreading
- flowers mixed pink and yellow
- in open places

866 *Clerodendron quadratum* (L.) Schlecht. 8
 - white flowers
 - shrub up to 3 m. 8

867 *Cornutia pyramidata* L.
 shrub or small tree; flowers lavender

868 *Cornutia pyramidata* L. 13
 on cleared slopes at Dylanus

869 *Cornutia pyramidata* L. 4
 up to 10 m; shrub with lilac flowers

870 *Cornutia pyramidata* Presl
~~struens rotundifolia~~ faces August 1937
 along the Wissahickon-Hanover road near
 the mouth of the Blenheim river on the
 Atlantic coast.

871 *Citharexylum spinosum* L. 7

872 *Citharexylum spinosum* L. 11/1937
 on front lawn at Lodiarn
 (spinosum?)

873 ~~Leptospermum~~ ^{4 miles inside calyx}
~~Leptospermum~~ ^{opposite less.}
Briza lappulacea (L.) Pers. 2

874 *Stachytarpheta cayennensis* (L. C. Rich.) Vald. 13

875 *Stachytarpheta cayennensis* (L. C. Rich.) Vald. 2 11/1937
 waste places
 - blue-purple flowers

875 B. *S. articulata* Sims

876 *Stachytarpheta caerulea* (L.C. Rich.) Vahl 2
Flowers deep purple

877 *Leontis nepetifolia* (L.) R.Br. ⁽ⁱ⁾ Ait. 2 (1937)

878 *Leontis nepetifolia* (L.) R.Br. 9

879 *Leontis nepetifolia* (L.) R.Br. Aug. 1933
roadside near Layou
- apparently grows in the form of tea
for colds and malaria

880 *Ocimum micranthum* Willd 8
- leaves with minty odor
- flowers pale pink

881 *Hyptis atrorubens* Pers. 13
in wet meadows at Sylhet

882 *Hyptis atrorubens* Pers. 2 (1937)
cleared wet slopes

883 *Salvia verticillata* L. 8
flowers white.

884 *Salvia coccinea* Jacq. 2 (1937)
scarlet red
- near *lithocarpus* tree at edge of
woodland towards foot of hill

885 *Daphnopsis americana* ssp. *caribaea*,ⁿ (Briast.) Nestling
a tree, supposedly vicious
- Tavernier's Chattanooga estate

886 *Prunus occidentalis* (almond-oil tree = *noyeau d'or*)
a tree whose crushed leaves smell Aug. 1938
similar to oil of almond
Stephen Hawley's Nat. prop. estate

887 *Bryonia disticha* J. & G. Forster 9

888 *monstera scandens* 3 (1937)

889 1 (1937)
epiphyte on *Ulmaceae* in front
of home

890 *Cordia glotosa* (Jacq.) Kunth
berry red, size of a raspberry 7

891 *Chinarrhis cyanoa* N. Jacquin
tree 14

892 9
a tree locally known as "mapon"

893

7

host tree of *Oboradenon antillarum*

894

7

a tree called mayan.

BOTANIC GARDENS

895

BG

↓

CULTIVATED

896

BG

897

BG

898

tree F. w.

BG

flowers white.

899

Bauhinia acuminata? L.

BG

900

Morinda citrifolia L.

BG

901

Cladadium Virginii DC.

BG

(a native sp. seen in ^{sec 07 p 81} gardens!)

902

Bauhinia tomentosa L.

BG

white yellow flowers.

903

Cassia fascicularis L.f.

BG

904

Kinchora hospita L.

BG

malay

905 *Mimosa tenuiflora* L. B6.

906 *Andira Guajira* L. B6

907 *Parkinsonia aculeata* L. B6

908 *Scolopia chinensis* (Lour.) Clos
~~Flacourtie sepiaria~~ Roxb. B6

909 *Manilkara bidentata* (DC.) Chassier
~~Baccaaria reticulata~~ Sw. B6
a native to Domunia
(photo to go with); "the timber is used for all kinds
of mill and house work; known as Bullet Tree because
of the shape of its edible fruit" — ex B.R. Garden guide.

910 *Aleurites moluccana* (L.) Willd.
cultivated on estate of Mr. Stephen Hawes at Mt. Joy

911 *Passiflora edulis* Sims
cultivated on the estate of Mr. Stephen Hawes at Mt. Joy

912 *Artocarpus integer* (Humb.) Merr. B6
possesses a big trinity fruit (see photo!) Jackfruit

913 *Randia aculeata* L. B6
forbesii (N. Jacq.) Engelm

914 *Manilkara zapota* (L.) van Noyes B6

915 *Eriobotrya japonica* (Humb.) Lindl. B6

916 *Rydera longum* ^{not!} _{2cm.} *migrum* L. B6

917 *Garcinia morella* (Gaertn.) Drar. BG
Gumbo

918 *Artocarpus heterophyllus* Lamark
fruit long and much elongate BG

919 *Cedrela odorata* L. BG
(native to Guadeloupe + Martinique -
according to Voss - probably also on Dominica)

920 *Tabernaemontana divaricata* (L.) R. Br. BG
coronaria =

921 *Sophora tormentosa* L. BG

922 *Lagerstroemia parviflora* BG

923 BG

924 *Capparis ferruginea* L. BG

925 *Rupilia pedunculata* BG

926 *Melaleuca* BG

927 flower pink BG

928 *Bryonia Squalia* Retz (var.) DC. BG

929 *Chloroxylon Swietenia* DC. BG
Satin wood

930 *Courajita guianensis* Abl. BG

931 *Permentiera cerifera* Seem. BG
Candle Tree (Barbados)

932 (*Poinciana regia* Baj) *Delonix regia* (Baj) ^(W. Hooker) BG
Raj.

933 *Theobroma cacao* L. BG

934 *Rondeletia odorata* Jucy. BG
see #962

935 *Thuya orientalis* L. BG.

936 *Juniperus Bermudiana* Lum. BG

937 *Garumia mangostana* L. BG

938 *Hevea brasiliensis* ^(Kunth) Müell BG

939 *Diospyros dioscoridis* Willd BG
"mabola"

940 *Bulnesia sarmientoi* Roxb. BG
"Bengal Kino"

941 *Durio zibethinus* Murr. BG
durian

942 *Guaiacum officinale* L. BG
Lignum vitae

(Roxb.)

943 *Terminalia Arjuna* Wright & Arnott BG

944 *Terminalia triceras* Wright
"whitewood" sp. integris, B.W. L; used
in Udg. purposes. BG

945 " *Suretemia macrophylla* L.
Honduras mahogany BG

946 " *Cinnamomum brevistylum* Mig. BG

947 " *Michelia Champaca* L. BG

948 " *Keltophorum linnaei* Benth. BG
"brazilwood"

949 " *Suretemia malogani* L. BG
"soft Pandanus mahogany"

950 " *Casuarina equisetifolia* Forst. cultivated at
"tepuw" Sylvania estate

951 " *Euphorbia heterophylla* (L.) Kl. & Garcke Forst James,
"a species with very variable leaves. Tuliqua, B.W. L Sept 5th 1937

952 " BG (Sept 3 1937)

953 " *Eriobotrya japonica* (Thunb.) Lindl. BG

954 " *Cardiopanax floribunda* Urban BG "

955 *Cesalpinia coriaria* (Jacq.) Willd. B6 (Sept 3, 1937)

956 *Colvillea racemosa* Bojer B6 "

957 *Sophora tomentosa* L. B6 "

958 *Oxalis depur*
fls yellow B6 "

959 *Jatropha integerrima* N. Jacquin B6 "

960 *Argyroxiphium* Leaco L. B6 "

961

962 *Rondellia (epuensis) odorata* Jacq. B6 "
see # 934

963 *Melia azederach* L. B6 "

964 *Piper* perhaps *nigrum* B6 "

965 *Cestrum diurnum* L. B6 "

966 *Crossandra infundibularis* (L.) Rus B6 "
Flower = pale orange

967 *Hibiscus schizopetalus* (Mast) Hook f. B6 "
pink flowered, pendant

968 *Scopolia chinensis* (Loureiro) Clos

969 *Skutchia ericla* (Benth.) T. Anderson B6 (Sept 3, 1937)

970 *Avicarha carambola* L. B6 "

pink flowers.

971 B6 "

flowers white

972 *Acarypha* ? B6 "

973 *Carissa grandiflora* (E. Meyen) DC. B6 "

974 *Ixora coccinea* L. B6 "

crimson-flowered

975 B6 "

976 B6 "

fruits orange

977 *Galphemia glauca* B6 "

978 *Zizina Morella* (Gaertn.) Drer. B6 "

979 B6 "

980 *Blighia sapida* Koenig B6 "

981 *Bixa Orellana* L.? B6 "

982 *Crossandra infundibularis* (L.) Nees B6 "

salmon-color

www. u

983		136 (Sept 3, 1937)
984	<i>Stereospermum Petrea volubiles</i> Jacq.	" "
985	<i>Caesalpinia coriaria</i> (Jacq.) Willd.	" "
986		" "
987		" "
988	<i>Codiaeum variegatum</i> (L.) Blume var. <i>variegatum</i>	" "
989	<i>Cassia occidentalis</i> L.	" "
990	<i>Garcinia Morella</i>	" "
991		" "
992		" "
993	<i>Pouteria</i> sp. <i>sapota</i> (Jacq.)	" "
994		" "
995	<i>Nerium oleander</i> L.	Chattanooga estate August 1937
996	<i>Pongamia pinnata</i> (L.) Pierre (Fabrid) <i>Lonchocarpus pentaphyllus</i> (Burm) DC.	136 (Sept 3, 1937)
997		" "

998	?	BB (Sept 3, 1937)
999		" "
1000	<i>Bauhinia</i> pale yellow flowers	" "
1001	<i>Brunfelsia americana</i> L.	" "
1002	<i>Bauhinia tomentosa</i> L.	" "
1003		" "
1004		" "
1005	<i>Clerodendrum ugandense</i> Prain	" "
1006	"Lady of the night"	" "
1007	<i>Teconmania capensis</i> (Thunb.) Spach	" "
1008	pale pink fls.	" "
1009	<i>Lawsonia inermis</i> L.	" "
1010	<i>Clidemia umbrosa</i> Cogn.	2 (1937)
1011	<i>Dioscorea polygonoides</i> H. & B fls. greenish-yellow	16

W. H. and BARBARA T. HODGE, COLLECTORS

1012 *Erythrodendron plantaginea* (L.) Fawc. + Rendle
rhiz. terrestrial in deep forest.
Colla tigris, *Sylvania* no scent Feb 9, 1940 - 19
flower - white - frequent & common

1013 *Pithecellobium jucunda* (Willd.) Urb.
forest tree - trunk 10" diameter 18
fruit - legume - interior orange-red
fruit com of fresh pea seed
local name - "pipiri"
much sought after by "jacks" parrot -
Amazona bougainvillae

1014 *Begonia lomentalis* A. DC. 18 ✓
macrophylla Lam.
leaves pure white - up to 3' tall
small colonies found in wet ravines

1015 *Asplenium auritum* Sw. 18
epiphytic

1016 *Trichomanes membranaceum* L.
~~hymenophyllum~~ 18
growing gregariously on shaded side
of large rock in steep ravine beside
river.

1017 *Trichomanes punctatum* Poir. 'can.
~~hymenophyllum~~ 18
ditto above

1018 *Trichomanes hymenophyllodes* Bosc. 18
epiphytic on buttress root of large
forest tree

1019 ~~Hypopterygium~~ (Trichomanes -) ^{Membranaceum} 18
gregaries on rocks (dripping) at base
of waterfall

1020 *Crinichis muscosa* Sw. 18
orchid - seems same species as 1012 -
base of waterfall (shaded)

1021 *Elaphoglossum scolopendrifolium* J. Smith 18
epiphytic fern - sterile

1022 *Asplenium rotundifolium* Spring. 18
epiphytic on old fallen tree lying
at base of waterfall. Large colonies
also growing over face of wet cliff.
growing in thick mats or cushions.
Crossed specimens have been pulled
apart from original whole.

1023 *Pilea parietaria* (L.) Blume 18 ✓
growing all over face of cliff in large
colonies. Flowers greenish white.
Peduncles often reddish - rosy.

1024 *Pilea inaequalis* (Poir.) Weddell 18 ✓
similar situations with above species.

1025 *Pilea forsythiana* Weddell 18 ✓
Same situations as above.

1026 *Edonanthus galloisii* (Sw.) Munro
Pancousa 18
 on wet cliffs - sprawling

1027 *Pilea forsythiana* Weddell 18 ✓
 Same as above Pileas. Flowers
 white

1028 *Browallia americana* L. 19 Feb 9, 1940
Rockenwinkel ✓
 Flowers lavender with touch of yellow
 on lip at margin of tube yellow
 weed in dashen garden 

1029 *Stylogyne lateriflora* (Sw.) Mez 19 ✓
 Small tree - trunk 5" in diam. at base
 15' ft. tall - berries immature green.
 Berries distributed all along lateral
 branches. (Summit)

1030 *Sinilax guianensis* Vittm. 19
 Climbing over trees at summit.
 Berries green.

1031 *Elephantopus mollis* Kunth 19
 Weed - fls. white - in dashen garden

1032 *Crinichis muscosa* Sw. 19
 Orchid - fls. white - 2 specimens
 seen along path to summit.

1033 *Chromolaena trigonocarpa* (Gr.) King & H. Robinson
Lyptotium monosacrum Urb. 19 det R.H.
 Shaggy shrub bearing on other bushes.
 Edge of clearing

1034 *Epidendrum difforme* 19
 Epiphytic orchid on high forest trees
 frequently seen. fls. green-yellow.

1035 *Ixora ferrea* (Jacq.) Benth. (Rubiaceae) 19
 Small tree $1\frac{1}{2}$ " in diam. at base.
 12' ft. tall. Fls. in axillary
 clusters on lateral branches:
 Buds when closed salmon. Open
 petals palest fleshy. Fragrance
 Narcissus-like. Wood sample
 taken. Small tree in deep forest.

1036 *Dioscorea polygonoides* H. & S. 19
 6 Petals. greenish. 6 stamens yellow
 High climbing vine in summit of tall
 forest tree recently cut.

1037 *Clibadium* 19 Feb 9.
 Sp. awning small tree. trunk 4" diam.
 20' tall. flowers white. anther
 tube black. Edge of forest clearing.

1038 *Lantana camara* var. *camara* 19
 Small shrub 6' tall. Berries bluish-
 black. Mature? Margin of forest
 clearing.

1039 *Stenochlaena sorbifolia* (L.) J. Smith 19
 Climbing on deep forest tree to height
 of 6'. A fl. of small specimens of this
 species (?) found growing on rocks on forest floor. invariably sterile

1040 *Heisteria coccinea* Jacq. 19 Feb 9 ✓
 Small tree 1-2" diam. at base. 20' tall.
 Bract (fruit) vermillion.

1041 *Chromolaena trigonocarpa* (Bl.) King & H. Robinson
~~*Zapatorum mononeurum* Urb.~~ 19 det RAH
 Straggly shrub 8' tall - edge of forest
 clearings. florets & styles white.

1042 *Scleria arundinacea* Kunth. 19
 4' tall - in forest openings

1043 *Myrsine coriacea* (Sw.) R. Br. ex Roemer & Schultes 19 ✓
 Small tree on forest border
 20' tall - 6" diam.

1044 *Psychotria pendula* (Jacq.) Stev. 19 ✓ det RAH
~~*quad alpinae* (DC.) Howard~~
 Pendent epiphyte - inflorescence red.
 fls. pure white. common in trees.

1045 *Alternanthera brasiliensis* (L.) Kunze 19 ✓
 Strubby herb - fls. white - weed
 along forest trail on border of clearing.

1046 *Inga ingardii* (Rich.) Willd. 19 det RAH
 Tree 8" diam. 30' high on forest margin.
 hew leaves velvety brownish with
 prominent gland yellow-green at
 junction of leaflet pairs.

1047 *Agave sorghoidea* (Desv.) Hitchc. & Chase. 19.
~~*Panicum*~~

Tall grass 8' leaning on shrubby on
 margin of clearing. - P

1048 *Marcgravia* 19 Feb 9
High climbing forest creeper on trees.
Common. Seen on summit of Monte Negre Marion ✓

1049 *Colmanthus pallens* (Sw.) Muell. 19
Panettos Forming mats margin of forest border.

1050 *Pilotrichum nudum* (L.) Griseb. 19
Epiphytic on deep forest

1051 *Diplaziopsis plantaginifolia* (L.) C. Chr. 19
Terrestrial in deep forest

1052 *Selaginella flabellata* (L.) Spring. 19
Terrestrial - abundant in colonies
on forest floor

1053 *Ophiocarpus tortellii* (L.) Beauvo. 19
Grass - margin of forest border

1054 *Hymenophyllum ciliatum* Sw. 20
Epiphytic

1055 *Nephrolepis cordifolia* (Vahl) Mett. 20
Epiphytic

1056 *Dicranopteris pedata* (L.) Underw. 20 ✓
Common in open places at summit.

1057 *Lycopodium serpens* L. 20
Open places at summit. According to
Alastair Forbes occurrence of this species

indicates poverty of soil and consequently
this species is often found taking
over abandoned cultivated areas.

1058 *Peperomia hernandaiplia* (Vahl) T. Diet. 20 ✓ wet.
Re stemmed and petioles red. Climbing
on shrubs at summit.

1059 *(Micromia) Conostegia calyptata* (Aubl.) A. Don. 20
^{icosandra (Wiks.) Urban}
Small tree 20' tall - 2-3" diam.
fls. with white petals

1060 *Guzmania Plumieri* (gris.) Mez? 20 ✓
Bromeliad; epiphytic; leaf-whorls
2-3' diam.

1061 *Triehomanes trigonum* Dssv. 20
On rotting stumps

1062 *Selaginella* ^{subsp. *subspicata*} *albostriata* Spring 20
Many of these plants appear whitish
as tho lacking chlorophyll whereas
others apparently of the same species
have their full complement of green.
The commonest species beneath trees
near summit.

1063 *Polyodium asplenifolium* L 20
A common epiphytic fern pendulous
from moss covered limbs.

1064 *Malaxis spicata* (Willd.) Sw. 20
Epiphytic near summit.

1065 *Ilex sideroxyloides* (Sw.) Griseb. 20 ✓
Small white flr. shrub seen at summit.

1066 *Charianthus corymbosus* (Rich.) Cogn. var. *longipilus* (Cogn.)
Small tree 15-20', buds when closed 20 Hdg.
Amer. Beauty red. Opening petals show
whitish margins in places. Style pinkish.
Ripening fruits maroon. Inflorescence,
peduncles & pedicels maroon, also ovary
(inferior) and sepals.

1067 *Euphrades plantaginea* (L.) Muell. + Rendle 20
white terrestrial Orchid - common.

1068 *Peperomia hirtella* Miguel 20 L
Epiphytic

1069 *Mikania laetifolia* J. E. Smith 20
Herbaceous climber. fls gone by.

1070 *Becleria filipes* ^{urban} *f. globerrima* Morton 20 det Morton
Axillary fls. borne on reddish-brown
pedicels. Sepals pale yellow. Petals
bright Canary yellow.

1071 *Ptychosperma urbaniana* Steyermark
~~*leptocephala* Swartz~~ DC. 20
Pale blue bracts turning whitish with age. fruit
almost indigo.

1072 *Hymenophyllum polyanthos* Sw. 20
Commonest - clambering over branches.

1073 *Beccaria petiolaris* (Gris.) Urban. 20
Yellow fls; slopes of.

1074 *Alpinia racemosa* L. 20
3-4' tall. Ovary greenish yellow. Sepal-tube
white. Corolla tube whitish at base with
pale pink petal lobes. A common plant
of ^{wet} roadsides about Sylvania & in open
glades in the forests. Specimen from
summits.

1075 *Columna scandens* L. 20 ✓
Plant growing on large fallen log situated
in cleared forest area turned into pasture
cultivation. Base of Morne Negre Mts.
fls. Salmon red - brilliant.

1076 (Portos) *Lepianthes peltata* (L.) Rafinesque 20
3-5' high growing in chyrs in
cleared pasture land ad base of mt.

1077 *Begonia humilis* Aiton 20 ✓
Common in mossy situations & on
old stumps in cleared areas at
base of mt. Stems salmon colored.
Petals whitish.

1078 *Caludovica (Plumieri (?)!)* Kunth 20
Everywhere clambering on trees

1079 *Hibiscus tulipaeflorus* ⁽ⁱ⁾ *Hoch* (gumbo montaine) 20 ✓
Tree abundant all over mts.
fls. yellow - pendant (semi)

1080 *Anthurium Hookeri* Kunth ~~20~~ 19
Common epiphytic wash paper basket
type aroid with whorled leaves.
Spatha green curved purple streaked
on back. Spadix slatey purple
with anthers yellow, four leaf
clover-like in appearance.

1081 *Anthurium grandifolium* (Lam.) Kunth 19
Common aroid. Terrestrial or
epiphytic. Everywhere in mts. forest.
noticed on summit of Morne Neige Maron.
8 Leaves on this plant. Petioles about 3'
long, blade $2\frac{1}{2}'$ by $1\frac{1}{2}'$ wide at
base, acuminate, 9 main ribs.
Green ^{epiphytic} ~~leaf~~ about $\frac{1}{3}$ the length of
spadix. Spadix greenish brown.

1082 *Pithecellobium mirabile* (Aubl.) L. O. Wmo.
Pithecellobium guianense Cogn. 21

small tree; up to 8" diam, 30' tall; often gregarious on
slopes which have given up following cultivation; wood of
no local value; patois name = cré-cré (there are many
types of cré-cré) or bois sand; wood sample taken; fls. buff color; fruits
(May 20th) blue-black and juicy

1083

Nicoria purpuracea (Vahl) Grise.

21

shrubby tree (or shrub); flowers and fruits when but a few feet tall; grows from 3 to 6 or 8' on open (cleared) slopes in sites along with other common *Nicoria*; leaves shiny lustrous green above, the new ones with scarf on principal series above and indeed the whole just post of twigs with abundant anil amon brown scarf; calyx white with tiny scattered brown scales - calyx about 8-9 mm. l. by 5 mm. diam; petals convolute in bud, white (without scarf) extending in blossom about 6 mm beyond calyx tube; petals at length reflexed; stamens 10, filaments white, pinkish-purple anthers; filaments about 5 mm, anthers 3-4 mm. in length; style 10-11 mm, white; fruit black at maturity, pinkish immature; mature fruit ^{slightly} flattened - globose about 10 mm x 8 mm; fleshy purple inside.



1084

Polytheca luteola Hook.

21

epiphytic; green-yellow fls.

Chromolaena odorata (L.) King & H. Robinson

1085

- growing in drain near Stephen Haweis.
- about 3-4'; brought up by Hettie Kuonolton.
- pale maroon.

1086

Heliconia Bihai L.

Co. + Fl.

22

Plant. 112
Fls. 94

Plant, according to J. E. Kuntner, blossoming out of season - hence infloresc. with fewer bracts than is generally seen. Plant 10-12' possessing 6 leaves. Leaves about 12" wide - blades about 4' long, petioles - length to their confluence in common "stem" 1-3'. Height of infloresc. above ground 4'. Infloresc. scarlet - individual bracts with yellow margins - interior of bracts yellow. Lowermost of 4 bracts with a green band along back face. Total length of infloresc 1'. Total width 10 $\frac{1}{2}$ ". Stalk of lower bract arises from leaf sheath. Lower bract petiole 3". Lateral extent of bract $7\frac{1}{4}$ ". Max. width 1 $\frac{5}{8}$ ". Specimens have been seen with 6 bracts. Common along steep sides of wet shaded ravines altho specimens have been seen much driered in full sun - light along stream banks. At this season of year this species of *Heliconia*, the supposedly out of blossoming season, is common, whereas the maroon bracted species has not been seen at all in flower. According

1086 (cont.) to Stephen Haweis, Percy Agard others.

Dominica has 3 species. The scarlet & yellow bracted form, the maroon bracted form & a yellow bracted form. The not competent observers they still claim all three are different. Mr. Agar has also noticed a yellow form streaked with green on the Laundas track.

1087 *Neurolema lobata* (L.) Cassini

Yellow flowered composite. Woody herbaceous. 3-4' tall.

Feb. 12, 1920

near Caribbee

(Collected by John Knorlton)

In open sunlight.

1088 *Solanum americanum* L. Miller

Same place as above.



✓

white fl. yellow center - common weed, fruit turning purple.

1089 *Pityrogramma chrysophylla* Link var. *Plumbea* Dom. 22

Dry cliffs. Yellow form

1090 *Riccia grandis* Vahl

22

Tree-fallen. 4-6" thru ab vase.

25-30' high. Tls. appearing out of main trunk. Corolla 5 - greenish.

Tricarpellary greenish gynoecium. 3 styles.

1091 *Trichomanes elegans* Rul. 22
In rich humus. Terrestrial.

1092 *Asplenium nidus* L. 22 ✓
Terrestrial on wet dripping cliff.
Sterile.

1093 *Diplazium alveare* (Willd.) Presl. 22
~~Diplazium~~ small specimens
Wet dripping shaded cliff. Terrestrial.

1094 *Hymenophyllum ectocarpum* Féé? 22
Epiphytic on tree fern. ex char.

1095 Moss 22
Clambering over rocks in stream bed. Not seen fruiting. Common everywhere. Mixed among limestone.

1096 *Trichomanes polypodioides* L. 22
Clambering over matted roots of an old tree fern.

1097 *Trichomanes membranaceum* L. 22
Clambering over rocks grayish.

1098 *Tectaria plantaginea* (Guz.) Maxon 22
On wet cliff.

1099 *Anthurium Hookeri* Kunth 22
Epiphytic aroid. Leaf taken is small.

3964 2000 *Crinum mucronatum* Sw. 22
White flowered orchid on wet cliff.

3965 2001 *Ipomoea tiliacea*
~~Convolvulaceae~~ (Willd.) Choisy 22 ✓
Pubescent fls - interior of tube helio. In
grapefruit orchard climbing over grass.

3966 2002 *Ipomoea tiliacea* (Willd.) Choisy 22 ✓
Climbing on orange tree.

3967 2003 *Miconia striata* (Vahl) Cogn. 22
Fls - white. Peduncles & pedicels reddish.
Midrib of lvs of red.

3968 2004 *Phytarium Zeei* (Schaffn.) Marcon 18 Feb 10
Epiphytic fern

3969 2005 *Danaea elliptica* J. S. Smith 23
Sterile in clumps in rich humous on
forest floor.

3970 2006 *Psychotria heterocarpa* DC (Bois rivière -?) 23
Fls - whitish. Small tree 15' tall, 2" diam.
Wood sample.

3971 2007 *Graffenreidea latifolia* Triana 23
Common tree up to 30'. No mature blossoms
seen.

3972 2008 *Conostegia cecropioides* (Willd.) Urban 23
~~icosandra~~ (Willd.) Urban
Conostegia cecropioides (Willd.) D. Don
Small tree 1½" diam. 15' tall. Wood sample.
Fls - white, greenish filaments - yellow stamens

3973 2009 *Psychotria urbaniana Steyermark* 23 ✓
Cephaelis swartzii DC.

3974 2010 *Trichomanes crispum L.* 23
Epiphytic.

3975 2011 *Trichomanes polypodioides L.* 23
 growing over tree fern. trunk.

3976 2012 *Lycopodium aequalypnum Spring* 23 Feb 13
 Pendant epiphyte on large forest tree.

3977 2013 *Lycopodium linearifolium L.* 23 "
 Pendant epiphyte (only specimen seen from this region)

3978 2014 *Lycopodium funiforme Bory* 23
 Pendant epiphyte

3979 2015 *Alpinia racemosa L.* 23
 Pink flrd. 3-4'. common.

3980 2016 *Canna lamarckiana L.* ? 23
 In peasant garden. Bright red.
 10' tall

3981 2017 *Phinadendron flavens (Sw.) Griseb. Nör. Austr. 23*
Parasite on large forest tree about
10' above the collar region. Berries
white. *Griseb. R.A.H.*

3982 2018 *Desmodium adscendens (Sw.) DC.* 23
 Pink fl. weed along trail.

3983 ~~2014~~ *Trichomanes holopterum* Kze. 23 ✓
Epiphytic

3984 ~~2020~~ *Didia ocmynifolia* (Willd.) Bremekamp
~~Hemicostus ocmynifolia~~ (Willd.) K. Schum. 23 RAH
Weed along trail.

3985 ~~2021~~ *Discorea polygonoides* H. & S. 23
Climbing over trees. Greenish fls.
Common.

3986 ~~2022~~ *Vittaria filifolia* (L.) 23
Pendant epiphytic fern on large forest
trees particularly in between large but-
trees roots.

3987 ~~2022~~ *Alloplexus cristatus* (L.) Mark. <sup>var. *frondiculus*
mortonii</sup> 23
Yellow fls. Salver calyx. Calyx
persistent. seed with yellow orange
wall-black seeds. Vine climbing
over old logs, stones, tree trunks or high
upon trunks of forest trees. Common in
damp forests & along forest trails.

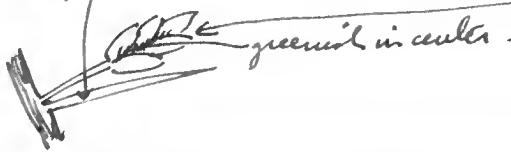
3988 ~~2024~~ *Hymenophyllum* 23
Common epiphytic fern.

3989 ~~2025~~ *Hymenophyllum polyanthos* Sw. 23
Common epiphytic fern

3990 ~~2026~~ *Leskeia lutea* L. var. *hirsutissima* Urban 23
Yellow fls. shrub 4' tall along shaded
road

bracts of spike = pink; flr clusters varying shades of orchid

125



3991
2027

Aechmea sp. *Smithiorum* but possibly new.

19 - Feb 13

24 ~~23~~

{ Bromeliad: - epiphyte in deep forest
lvs up to 3' long, $2\frac{1}{2}$ " broad; whorled; flring scape as long as lvs,
flring portion 12" + 16" on 2 spec. collected; diam 3" to 6".

2028

spikelet stalks very long on this, also bracts but

23

more material from St. Vincent - etc. would probably show
variations to this - otherwise these specimens much same (1942)

1100

Peperomia hernandifolia (Vahl) ⁱⁿ f. *Deltoides*

24

✓

Epiphytic climber on old stumps

1101

Aleandra articulata (Sch.) Presl.

24 ✓

Clambering over old stumps

1102

Piper nussii A. C. Candolle

24

Shrub - 8' spreading

1103

Beccaria fibrosa Urban. forma *glaberrima* ^{Morton}

24

det ^{cv.} KU

Shrub 3-4'. Fls. bright yellow.

1104

Hymenophyllum polyanthos Sw.

24

Epiphytic on old log

1105

Streptocarpus *lobata* L. *Streptocarpus* *sinuata* L.

24

✓

In wet ditch. Fls. pink

1106

Dryopteris *L'Herminieri* (Kze) C. Chr.

24

On wet base of cliff.

1107 *Duguetia consanguinea* (Jacq.) C. Chr. 24 Feb. 15
Hanging on wet face of cliff.

1108 *Selaginella subtriquetra* Spring 24
on wet face of cliff

1109 *Nepea aquatica* (Aubl.) Nees. 24
Shrub. Leaves reddish. Stems
cerise. Petals white.

1110 *Oxalis Barrelieri* Jacq. 24 ✓
Pink fls. roadside

1111 *Symplocos martinicensis* Jacq. 24 ✓
Tree 10" diam. 30' tall.
fruits green

1112 *Rauvolfia bicarinata* J. Mueller 24 ✓
Tree 6-8" diam. 25-30' tall.
Corolla white touched with pink
in center where corolla tube meets petals.

1113 *Kondalia parviflora* Point 24 ✓
Petioles & main veins maroon particularly
prominent underneath. Tree 25' tall.
(see #. 1122)

1114 *Maria racemosa* Gr. Sw. 24 ✓ Guttif.
Small tree 6" diam. 25' tall.

1115 *Lantana camara* var. *camara* 24
Fruits blue. Fls. bright yellow & orange
mixed. Common, roadside shrub.

1116 *Miconia trichotoma* (Desr.) DC. 24 Feb 15
 Tree 6" diam. 25' tall. Wood Sample.
 Leaf veins (mid vein) maroon.
 Berries (immature) bright red turning
 black when ripe.

1117 *Elaphoglossum* 24
 Epiphytic fern in deep forest-sterile; could not match at
 Wark. + Mortan
 did not know -
 may be new sp.

1118 *Polykodium* ~~sp. pl. uniforme~~ ^{grenadense} German 24
 Epiphytic (= *P. tenuiculum* Fee)
Lindsaea ^{montana} _{(lancea (2) Bedd.)} Fee 24
 Terrestrial fern in forest growing in
 rich humus.

1120 *Geonoma dominicensis* L.H.B. ^{det. H.B.} 24 Feb. 15
 Seedling

1121 *Besleria* (?) *petiolaris* (Griseb.) Mortan. 24 ex char.
 Wet dripping cliff. Fls. yellow - fruit
 tomato-red. Unusual mass of
 clustered fls.

1122 *Rondellia parviflora* Poirer 24
 Small tree 30' tall. 8" diam. at base.
 Another tree in same series is appar-
 ently identical yet its veins were maroon
 & this specimen is colorless. (1113)

128 According to Crawford (carpenter at Sylvania) there are 3 kinds of Mahaut all of which supply rope or turme, mahaut cochon, mahaut doux (soft), & mahaut cochon, when large, is used for boards to build up canoe sides since ~~it~~ is very light and easily floated.

1123 *Endlicheria sericea* C. Nees von Esenbeck 24 ✓
Tree 30' tall - 8" diam. at base. Wood sample. "

1124 *Gommacea* 24 ✓
Vine climbing over stumps in cleared area

1125 *Liparina glabrescens* (Presl) P. DC. 24 ✓
Small tree up to 10'. Fls. white.
Disk pale flesh colored. Fls. & twigs when cut have acrid & unpleasant odor (eww).
Common along road.

1126 *Cordia elliptica* Sw. 24
Cordia reticulata Vahl) det. M. J. 24
Tree 15' tall. 6" diam. at base.
Fls. white - 5 petals. Wood sample.

1127 *Hibiscus tulipaeflorus* (L.) Hook. ⁽¹⁾ 19 - Feb. 15 ✓
Mahaut cochon = (pig mahaut) in patois
Tree - yellow fls. - common. J. S. K. says this is very French
20-40' tree. - wood sample a la Guisback
Mahaut in Fr. dictionary - will probably find this to mean rope; the bark of this hibiscus is used to tie bundles as we would use twine.

1128 *Gymnema Vriesia guadelupensis* (Bab.) Mez. 24
Epiphytic Bromeliad; only seen in fruit

1129 *Peperomia pellucida* (L.) Kunth Feb. 15 - Sylvania
(collected by J. E. Kunkler)

1130 *Asplenium Hookeri* Kunth 23
Epiphytic aroid

1131 *Polypodium dulce* Maxon 24
Epiphytic on tree trunk.

1132 *Convolvulus Ipomoea nil (L.) Roth* 25 ✓
"escape"

1133 *Commelinia longicaulis Jacq.* 25
Common everywhere in gardens-fl. blue.

1134 *Emilia sonchifolia (L.) DC.* 25
Fls. pink - cblid. Common weed
especially follows cutlasses.

1135 *Emilia fosbergii Nicolson* 25
Occasional weed. Fls. salmon.

1136 *Oxalis Barrelieri Jacq.* 25 ✓
Fls. pink with yellow center. Common
weed.

1137 *Pterolepis glomerata (Rothl.) Mig.* 25 ✓
White fls. Common weed in open fields

1138 *Pterolepis glomerata (Rothl.) Mig.* 25 ✓
Cblid fls. apparently identical with
preceding except for color of fls.

1139 *Desmodium ascendens (Sw.) DC.* 25
Fls. pink. Common weed.

1140 " 25
Yellow fls. Fairly common.

1141 *Coreopsis Bidens alta var. radiata (C. H. Sch.) Ballard* 25
White fls. Common weed - known locally as "white daisy"

1142 *Hypoxis decumbens* L. 25
Yellow fls. Common in garden.

1143 *Mimosa pudica* L. 25 ✓ 160
#15
Common.

1144 *Sterculia caribea* R.Br. (mahaut cochon) ~~Feb.~~ Feb. 17
30' tall - 8-10" diam. Collected in
rairie beside Sylvania house.
Stems exude slime when cut.
wood sample

Collected by Roland
Bardouille

1145 *Asclepias curassavica* L. Feb. 16 ✓
Cleared pasture land at base of
Colle Anglais. orange petals
yellow anthers.

1146 *Habenaria monorrhiza* (Sw.) Reichb.f. Feb. 16
Terrestrial orchid - white - along roadside
at entrance to Sylvania house grounds.

1147 *Marcgravia* V " "
Whirl of white stamens. Climbing over
large stone in open field. Open field
base of Colle Anglais.

1148 *Acnistus arborescens* (L.) Schlecht. " "
Tree 6" diam. 15' tall. Petals fallen.
Hedged at base Colle Anglais.
Parasitized by *Pitcairanthus*.

1149 *Pitcairnia* *Rhoradendron chrysocarpum* Krug & Urb. Feb. 16
Parasitizing 1148.

1150 *Polyodium crassispicium* L. 26
~~phyllitidis~~
Epiphyte

1151 *Polyodium pectinatum* L. 26 ✓
Epiphyte

1152 *Poly. astrolepis* Liebm. 26
Epiphyte on bois doux.

1153 *Oxalis debilis* Kunth var. *corymbosa* (DC.) Lourteig
~~Cystopteris floribundiana~~ (?) 26 ✓
Buds pinkish when closed
opening white. Fls. fragrant.

1154 *Crinichis muscosa* Sw. 26
White terrestrial orchid. Common.

1155 ~~Zygophyllum~~ *Polypodium glabellum* T. Smith 26 ✓
Epiphytic

1156 *Lycopodium dictyonium* Jacq. 26
Epiphytic. Deep forest

1157 *Polyodium loricatum* L. 26
Epiphyte - occasional.

1158 *Polytaenium Feesii* (Schaffn.) Maxon 26
Epiphyte.

1159 *Dryopteris opposita* (Vahl) Alston 26
caespitose - Common. Wet open
field.

1160 *Phytolacca rivinoides* Kunth & Bonpl. 26 ✓
tree spratty shrub taking
possession with sclerina, of
nearly cut-off hillside. Spike
purple. Pedicels particularly
colorful, petals flesh pink, ovary
green. Stamens white. ~~Plant~~ Plant
easily reaching 12' in height.

1161 *Discorea polygonoides* A. & B. 26
Common climbing vine.

1162 ~~*Naufragiella mettaphylloides* (L.) Wiesler~~
~~*Epipactis mettaphylloides* (L.) Mart.~~ 26
Fl. cerise

1163 *Hyptis pedunculata* Pott. 26 ✓
weed. 6' tall - common.

1164 *Solanum torvum* Sw. 26 ✓
wild egg plant. Common weed.
Fl. white. Budded easily & used
for demonstrations for children in schools.

1165 *Canavalia jacobis* (L.) Alston 26
White petals & filaments of stamens:
One time planted commonly as wind
break especially in old days of coffee.
Seeds planted now by poor people.

1166 *Mysinc coriacea* (Sw.) R. Br. ex Roemer & Schultes 26 ✓
 Tree 20' tall, 4" diam. Wood saple.
 Berries green, immature.

1167 26
 Leaves whorled. Largest size of
 these pressed. In fruit.

1168 *Euterpe dominicana* L H B. n. sp. det. L H B. 26 Feb. 16
 Cabbage palm. Photo taken Collected by Peter
 of flowering portion. Respink.

1169 *Swartzia* caribaea Griseb. (Boranger) Feb. 17
 Tree 20-40' tall. Fru. orange- Collected by J. E. Kunze
 red at maturity. on Imperial Rd.

1170 17 ✓
Psychotria religiosa Sw.
 Berries bright red turning to black at
 maturity. Fls. delicate pink.
 Plant about 3' tall growing on forest
 floor. Very succulent stem. Petioles
 pinkish & mid vein of lvs. pinkish
 beneath when mature.

1171 19
Solanum lancifolium N. Jacquin
 Tall climbing vine. White fls.
 Top of sand peak.

1172 19 ✓
Spindelia trilobata Juss. det. P A H
Spindelia perissoefolia Lam.
 Crimson fls. Spreading semi-herb.
 3' tall. Shaded woodland.
 1 plant seen.

1173 *Epidendrum anceps* Jacq. 19
Epiphytic epidendrum

1174 *Begonia macrophylla* Lam. 19 ✓
Begonia domingensis DC.
 White fl. Common along summit
 ridge. 3' high.

1175 *Vittaria lineata* (L.) J. E. Smith 19 ✓
 Common epiphytic fern. Growing
 usually on shaded tree trunks.

1176 *Cassipourea guianensis* Aublet 19 *del BOH
lythrum*
elliptica (Lam.) Poir.
 4" diam. 30" tall
 Small tree. 4' extremely lacerated
 white petals arising from green calyx.
 Several specimens seen.

1177 *Pharus glaber* HBK. 19
 Woodland grass.

1178 *Peperomia trifolia* (L.) Dreh. 19 ✓ WA
 epiphytic.

1179 *Polytaenium Zeli* (Schaffn.) Maxon 19
 Epiphytic fern.

1180 *Peltomium lanceolatum* (L.) Presl. 19
 Epiphytic fern - shaded woodland.

1181 *Polypodium glaucophyllum* Kze 19. ✓
 Climbing epiphytic fern " "
 Fronds glaucous beneath. Feb 16
 Rhizomes greenish.
 1st Record for D/ca

1182 *Psychotria nitida* Willd. 19 det RAH
 Small tree 3/4" diam. 8' tall.
 Berries green-immature.

1183 *Polytaenium Feei* (Schaff.) Maxon? 19
 Epiphytic fern of shaded locality.

1184 *Stylogyne latiflora* (Sw.) Mey 19 ✓
 Small straggly tree 1" diam.
 8' tall. Berries green with reddish
 pedicels & stalks.

1185 *Gesneria ventricosa* Swartz 19 ✓
 Small diam. 2" - 15' tall.
 Fl. red-orange.

1186 *Eugenia lambertiana* DC. 19
 Small tree 3" diam. - 25' tall.
 Fruits turning orange-yellow - turning
 probably black at maturity.

1187 *Marcgravia* 19 ✓
 Climbing on stones, trees & ground.
 Shape of leaves appear a bit
 different from some of others seen.
Forres fibro
Psychotria crocea (Sw.) R. & S.

1188 *Psychotria* ~~Palicourea~~ *repens* Beulham 19 det RAH
 Reddish peduncles & pedicels.
 Fls. yellow. extremely common shrub.
 In open places or in woodlands.

1189 also *Peperomia rotundifolia* (L.) HBK 19 ✓ wst
Peperomia emarginella (L.) A. C. Candolle
 Climbing epiphyte apparently not
 in fl. at this season.

1190 *Arthuriaria palmatum* (L.) Kunth 19
 Climbing aroid occasional in forests
 Climbing high on trees. Only specimen
 seen in fl. Spathe green with faint
 purplish mid rib or back. Spadix deep
 purple with yellow individual fls.

1191 *Hemitelia muricata* Fee 27 ✓
 Along Imperial Rd. in forest
 Tree fern.

1192 *Peperomia hernandiae* (Vahl) A. C. Candolle 27 ✓ wst.
 Climbing aroid. In fact seems
 old log.

1193 *Piper dilatatum* (L.) A. C. Candolle 27
Piper dussii A. C. Candolle
 Common shrub along Imperial Rd.

1194 *Nicotiana guianensis* (Aubl.) Griseb. 27
 Common throughout forests.

1195 *Simarouba amara* Dabest. 27 ✓
Bois blanc
 Large tree of forest just coming into bloom.
 Leaves have all texture of *Kalmia latifolia*.
 Glossy above. Important timber tree, wood
 being used for all sorts of timber purposes—
 chiefly boards—not posts. Common.

1196 *Carlucciaea blanchetii*, Kunth 27
One of most common climbers of high
stem forest.

1197 (*Micaria*) *Conostegia calyptata* (Desv.) D. Don. 27
white ftd. Sundell tree 20'-
2" diam.

1198 *Peperomia* 27 ✓
Clambering. Not in flower.

1199 *Nautilocalyx mettiiifolia* (L.) Wistler
Cissia mettiiifolia (L.) Mart. 27
Common in wet places.

1200 *Ageratum conyzoides* L. 27 ✓
white fls. Common weed along
trails in more sunny situations.

1201 *Clibadium* 27
white fls. composite. Black
anther tube. Occasional along
Imperial Rd.

1202 *Cephaelis swartzii* 27
white fls. enclosed by blue-purple
calyx. Common under shrubs in
deep forests.

1203 *Duguetia sprangelii* (Kunf.) Ktze 27
Common fern in grassy open creamy
Tufted.

1204 *Philodendron ligulatum* (L.) C. Koch. 27
 Very common climbing aroid on
 high forest trees. Have never seen
 this species in fl.

~~alba~~ ~~lanceolata~~ major L.

1205 *Clusia Platensis* (many rouge) ^{???} 27 ✓
 Thick leaved tree often seen as
 a seedling epiphytic on other trees (J.E.K. thinks
 this is Ka-
 klah)
 Apparently eventually sending
 down adventitious roots & forming
 a trunk of its own. Host plant
 often dies leaving it as a grotesque
 forest specimen. Fruits maroon -
 ovoid with prominent stigmas.

1206 *Helosis cayennensis* (L.) Sprng
 Cinnamon colored. Growing in wet
 place. Abundant. Apparently parasite
 on roots of trees. Same thing as
 collected by French on Marie Anglais.
 Mrs. Ayers states seeing it quite abundantly
 on wet. forests on Anglais.

at R.A.H. 2/59
 Feb. 11
 on Banks of Lassau R.
 Collected by Mrs. A. Forbes

1207 *Pteris altissima* Poir 27
 4" tall - sterile. Each of 3 segments equal
 in size. Only one clump seen.

1208 *Blchium volubile* Kaulf. 27
 Common climbing fern along trail -
 sterile.

1209 *Cephaelis Savatieri* DC. 27 ✓

1210 *Clidemia verticillata* (Vahl) DC. 27
Small shrub

1211 *Grimanthes pallens* (Sw.) Muens 27
Common grass of forest trail.

1212 *Diphrolepis nodularis* (Vahl) Mert. 27
Common epiphytic fern.

1213 *Dryopteris dentata* (Forst) C. Chr. 27
Common in cleavers

1214 *Alloplexus cristatus* (L.) Mart. ^{var. tricuspidatus Morton} 27
Common climbing vine on forest trees.

1215 *Neurolepis articulata* (Sw.) Presl. 27
Fern climbing over large forest tree

1216 *Alpinia racemosa* L. 27
Common in wet places.

1217 *Dicranopteris bifida* Maxon 27
Lindner situations.

1218 *Dryopteris consanguinea* (L.) C. Chr. 27
Tufted growing in wet places
often on rocks in middle of inter-
mittent streams - Common

1219 *Lindsaea (montana) lancea (L.) Bedd.* 27
 Common fern growing on old decayed logs or in rich humus in deep forest.

1220 *Sauvagesia erecta L.* 27
 White petalled. Common along forest trail.

1221 *Nephila aquatica (Aubl.) Naud.* 27
 White petals - pinkish lavender stamens. Common with preceding along forest trail.

1222 *Dryopteris L'Herminieri (L.) C. Chr.* 27
 Common fern of forest floor. Growing gregariously.

1223 *Eleocharis maculosa (Vahl) R+S.* 27
 Common sedge of woodland pools.

1224 *Polypodium sciuinum (Willd.) Maxon* 27
~~Polypodium~~ Growing epiphytically on fallen tree

1225 *Selaginella subspicata Spring* 27
 Common in wet places on forest floor.
 Glaucous shining beneath.

1226 *Polypodium ~~epiphyllum~~ subspicatum Kanef.* 27
 Common in moss mats epiphytically on trees.

1227 *Polycodeium granadense* Jenman 27
 Apparently much different from 1226.
 However growing nearby.

1228 *Trichomanes cuspidatum* L. 27
 Common on old logs.

1229 *Polycodeium Hartii* Jenman 27
 Epiphytic on fallen tree.

1230 *Trichomanes rigidum* Sw. 27
 Abundant on wet shaded
 cuts along trail or on rotten
 logs, or mossy boulders. Some-
 times epiphytic at bases of
 large forest trees.

1231 *Blechnum striatum* (Sw.) C. Chr. 27
 3-4' high. - Common

1232 *Scleria latifolia* Swartz. 27
 Pedicels of this yellow-green.
 Many ~~large~~ otherwise identical
 with purple in inflorescence
 stalks.

1233 *Anthurium dominicense* Schott. 27
 Epiphytic aroid. Bracts greenish.
 Spadix brownish-green. Not
 as common as larger leaved species -
 seen only occasionally.

1234 *Anthurium dominicense* Schott. 27
 Epiphytic arid. Leaf much
 narrower than common. auriculate
 leafed form. Only specimen seen.
 Spathe greenish with faint purple
 streaks. Spadix greenish, stamens
 whitish in profile, faint lavender in
 face view.

1235 *Pilea flosythiana* Weddell (monicola?) 27
 Growing in clumps on mossy boulders
 in intermittent stream.
 Fl. green.

1236 *Trichomanes rigidum* Sw. 27
 Moss trail cuts

1237 *Licuala terminensis* (Bois Diabole) Hook f. 27 ✓
 Fruib rusty cinnamon.
 Along Imperial Rd. near
 Saltan Branch. (used for making coals)

1238 *Marisora restionoides* (Sw.) Kunze 27
 Sedge - occasional. No good fruits seen.
 Leaves arranged as in iris, distichous.

1239 *Utricularia pilosa* Yahl 27 ✓
 Bright yellow fl. common in standing
 pools in forest trails. Associated
 with *Aleocharis*.

1240 *Pitcairnia gracilis* Mez 27
 Seated along rocks on forest trail.
 Leaves glaucous beneath. Occasional
 but not in fls. Several of dry fruiting
 inflorescences seen - one collected.
 shiny green above.

1241 27 ✓
 Tree 1.0" diam. 30-40' high.
 Wood sample. Trunk still green.

1242 27
Arthronia grandifolia (Vog.) Kunth.
 Stamens yellow. Dark purple spadix.
 Spathe with streaks of purple

1243 27
Dryopteris (?) *Herminieri* (Kze) C. Chr. Ravine Mang Blanc
versicolor
gagatina on face of wet shaded cliff. Fst. 19, 1940
 Sylvania

1244 25 ✓
Amaranthus viridis Mart.
 Common weed of Sylvania - garden
 Used by Kavoltas as "spinach" - as good
 as above & chard. Very tender.

1245 25 ✓
Leonurus sibiricus L.
 Lavender fls. Collected by Roland

1246 25
Crotalaria retusa (?) L. yellow fls. "

1247 25 ✓
Chenopodium ambrosioides L.
 Very fragrant "

1248 *Mangifera indica* 25
Cultivated.

1249 *Miconia laevigata* (L.) B. DC. 25
Small shrub. White fl., styles & stamens.

1250 *Odontonema nitidum* (Jacq.) O. Kuntze. 25
Low shrub-common. Bright pink-
lavender fl.

1251 *Alternanthera brasiliensis* (L.) Kuntze 28 ✓
Clover-like weed. White fl. common in
sunny spots.

1252 *Siparuna glabrescens* (Presl) A. DC. 28 ✓ monin.
Shrub or small tree - white fl. acrid.
Occasional on woodland borders.

1253 *Neurolema lotata* (L.) Cassini 28 /
Yellow fl. Occasional in sunny
situation. 3' tree.

1254 *Drypetes dentata* (Forst.) C. Chr. 28
Sunny situation. Terrestrial.

1255 *Glycicidia sepium* (Jacq.) Kunth ex Walpers 28
Tree used as wind break in orange
& lime groves. Standard white with
faint pink. Wings strongly pink
bordered.

1256 *Smilax solanifolia* A. DC. 28
Clambering over tree in woodland.
Fls. not open.

1257 *Cassia glandulosa* L. var. *swartzii* (Wiks.) Macbr. 28 ✓
3' tall - in sunny situation - occasional.

1258 *Bunchosia* 28
Small shrub or tree. Fruits turning
orange.

1259 *Miconia laevigata* (L.) DC. 28
Small tree

1260 *Epidendrum diffusum* Jacq. 28
Fls. yellow-green. Epiphyte.
Sunny stump.

1261 *Cassia* (?) *caesalpinioides* decapetala (Roth) Alston 28
Small tree - bright yellow fls.

1262 *Scoparia dulcis* L. 28 ✓
White fls.
Grassy open field.

1263 *Pitcairnia* 28
parasite on rose apple.

1264 *Syzygium*
Engelmannia *jambos* (L.) Alston 28
Rose apple. Escape from coffee
shading days. Very common.

1265 *Asclepias curassavica* L. 28 ✓
Occasional weed. Scarlet & yellow.

1266 *Canavalia hirsutissima* ? 28
Weed in Tainia pastures.

1267 *Erythrodia hirsutella* (L.) Fair. & Hendle 28
Terrestrial orchid in shaded woodland.

1268 *Kalanchoe pinnata* (Lam.) Pers. 28 ✓
~~*Bryophyllum pinnatum* (Lam.) Kurz~~
Green inflated calyx.
Dusty pink petals. Weed

1269 *Selaginella flabellata* (L.) Spring 28
Shaded forest floor.

1270 *Ageratum conyzoides* L. 28
White fls.

1271 *Dicranopteris bifida* Maxon 28
Sunny field.

1272 *Neptunia aquatica* (Aubl.) Hand. 28
Open field.

1273 Open field. 2" tall. 28 ✓

1274 *Ageratum conyzoides* L. 28
Normal ageratum "blue John."
Common in fields & other sunny spots.

1275 *Spermacoce suffruticosa* (N. Jacq.) (H. & A.) Griseb. 28 ✓
Borreria laevis (?)
 white fls.

1276 Common weed. Fls. coral. 28

1277 *Pseudolophanthus spicatus* (Aubl.) C. F. Baker 28
 white fls. weed in open spot.

1278 *Epideaurum strobiliferum* Rchb f. 28 ✓
 Epiphytic orchid in sunny spot.
 Occasional.

1279 *Elephantopus mollis* Kunth 28
 Very common weed. White fls.

1280 *Polypodium lycopodioides* L. 28
 epiphytic fern in sunny situations.

1281 *Polygala amara* L. 28 ✓
 Fls. pinkish white. Root smells of
 wintergreen when plucked. Common in
 open fields.

1282 Fruits white - Very common shrub. 28
 4-8' tall -

1283 *Mycetia splendens* D. C. 28
 (Sw.)
 Tree 20-30' tall. 4-6" diam.
 Leaves very shiny. Fls. in bunches.

1284 *Mimosa pudica* L. 28
Fls. pink. Common weed.

1285 *Sauvagesia erecta* L. 28 ✓
White fl. common weed of open
sunny situations.

1286 *Desmodium ascendens* (Sw.) DC. 28
Fls. pink. Roadside

1287 *Sida rhombifolia* L. 28 ✓
Fls. yellow. Common weed in
sunny spots.

1288 *Odontonema nitidum* (Jacq.) D. C. 28
Fls. pink - lavender. Small
shrub. Common.

1289 ~~*Triangularia*~~ *Triumfetta semitriloba* Jacq. 28 ✓
Small spreading semi-herbaceous.
2-3' fl. occasional.

1290 *Pityrogramma* ^{Schappieri (Féje)} _(californicus Nutt.) 28 max!
Silver fern. On cliffs at Red Juely.
This is apparently quite different from
gold fern which is less common. The
silver fern, even where growing in very
same soil (ie, same contains as *Selaginella*)
is a much larger plant than is gold fern.
Gold & silver ferns never appear on same
island. White powder on backs of ferns is
also apparent on stipes as far down as rhizome,

is especially abundant on new roads.
gold paver is similarly situated in case
of gold fever.

1291 *Pityrogramma chrysophylla* var. *Plumosa* Domínguez
Gold fern. Red Gully cliffs. 28

1292 *Crinidium muscosa* Sw. 28
Terrestrial orchid. Probably the
white fl'd. one.

1293 *Piper dilatatum* (mal estomach) 28
Piper dilatatum d. C. Candolle
Very common branching shrub.
Infusion of dry leaves supposed to
be cure for stomach ache.

1294 *Anarthracoma angustifolius* (Sw.) Kuntze. + Maxon 28
Epiphytic fern in shaded woodland.

1295. *Psilotum nudum* (L.) Gmel. 28 ✓
Fruits yellowish. ~~Fern~~ epiphyte
in semi-shade.

1296 *Pilea microphylla* + *microphylla* (L.) L'Herb. 28
det R.A.H. 9/27
Chives in old steps.

1297 *Asplenium auritum* Lw. ? (very small!) 28
Epiphyte in semi-shade

1298 *Polygonum* *croceum* (Sw.) R. + S. 28 det R.A.H.
Common shrub up to 12'. Sealed pedicels.
Yellow fls. Very common especially on woodland

border altho sometimes seen in
deep forest.

1299 *Crotalaria* (?) *Cajanus Cajan* (L.) Millsp. 28
Maroon standard. Bright yellow
wings & keel.

1300 *Polypodium* ~~luteum~~ ^{crassifolium} L. 28
Epiphyte in semi sun.

1301 *Anthurium palmatum* (L.) Kunth 28
Common aroid of deep forest.
Clustering on trunks of trees. The
long cord-like adventitious roots
are de-corticated & the woody core
used as material for weaving certain
basket types.

1302 *Elaphoglossum* ~~pteropus~~ ^{maxonii} Gaudich. *pteropus* G. C. Gray. Feb. 18 Max.
Epiphytic fern growing on mossy
stump situated in a grapefruit
orchard in full sunlight. Sylvania
Estab.

1303 *Cassia alata* L. Feb 21
Tree about size of orange near Mahaut. (near Mahaut)
Fls. yellow. Hair at base which covers (Collected by)
bud orange. Flat legume has wings. Roland.

1304 *Cinnamomum zeylanicum* Garcin ex Blume ✓
Tree about size of orange. Leaves curved - 2
twigs are spiny. Perhaps cultivated. Member of Lauraceae.

1305 *Calliandra ferruginea* (R.) Benth. Feb. 21
 Stems white for 1st portion of filament.
 End portion lavender-pink. Small
 shrubby tree. Common at lower altitudes.
 May be planted.^{no} Have seen specimens
 just above Canefield on Imperial Rd.

1306 *Haematoxylum campechianum* L. "
 Common small shrubby tree in
 xerophytic slopes - on leeward
 side of island. Fls. yellow - just
 coming into bloom at this time.
 One of best fls. for honey.

1307 *Anacardium occidentale* L. " ✓
 Small tree.

1308 *Glycineia sepium* (Gray) Kunth ex Walpers " "
 Common windbreak.

1309 *Arundinella confusa* (Schult.) Hitchc. & Chase. " "

1310 *Chariactis corymbosus* var. *longipilis* Sch.
 Sweet tree 15-20'. Rather common
 as occasional specimens here & there
 on cleared slopes in full sunlight.
 Petals red with slight creamy edges.
 Calyx & inferior ovary maroon.
 Inflorescence stalks maroon. Petioles
 of leaves & ribs reddish, particularly
 venate. Drupe maroon turning to
 black fleshy fruit at maturity.

1311 *Piper dilatatum* (A. C. Candolle)
("mal estomach") 23 ✓
Common woodland borders.

1312 ("Cacouier") 23 ✓
Steile. Specimen on two sheets.

1313 *Pachira aquatica* (Lam.) (tetraptera (Aubl.) Howard)
("olivier") 23 ✓
Large forest tree. Young leaves
appearing at this season. Specimen
from ~~new~~ new shoots on an old stump.

1314 *Guatteria caribea* Urb. (Bois violier) 23 ✓ *Annonaceae*
Wood for cabinet work.

1315 *Prothyma attenuatum* (Roxb.) Urban
Arecaceae (Gum incense) 23 ✓
Freshly broken twigs have strong
acid odor. White gumming exudate
from broken twigs.

1316 *Micropholis chrysophylloides* Piret (Cacapete) 23 ✓
Tall common forest tree.

1317 *Endlicheria sericea* C. N. von Esenbeck (Bois marbre) 23 ✓
Used for shingles.

1318 *cheone* *Richea granitica* Vahl (Bois ferde) 23 ✓
Forest tree - distinguishable by "nesty" bark.

1319 *Licania tomentosa* H. B. F. (Bois diable) 23 ✓
Premier wood for canals. A Dominican word
never clear land for planting which was covered
by bois diable.

1320 (bois amé) 23 "bitter"
Small shrub - 4.5' tall. Fruits
immature turning orange.

1321 (Laurier Isabell) 23 ✓
Moderate sized forest tree.

1322 ^{Litsea} ~~Tapiria~~ ^{Benth} ~~antillarum~~ ^{Cham} (Bois cote) 23 ✓
Large forest tree (moderate). Trunk
heavily ridged.

1323 ^{det E. Smith}
^{10/52}
Shorea Massoni (chataine grand feuille) 23
One of two trees of same name which
may not be same genus. This species
does not grow to size of chataine petit feuille
which is the giant of Dominica forests.

1324 (Cacouin) 23
This should compare with # 1312.
Seedling plant.

1325 (ma pouley) 23 ✓
Seedling tree. Grows 25' tall.

1326 ¹¹⁷⁵
Amanoa caritaea Krug & Urbán (Carapete) 23 ✓
75' tall. 3.5' diam. buttressed roots.

1327 ¹¹⁷⁵
Tournefortia bicolor Swartz 26 Feb. 22
White flid sprawling shrub. 9' tall.

1328 *Cyperus densicaespitosus* Mattf + Kükenthal
Diachneura 26 Feb 16
 Tufted sedge growing in open sunny brook.

1329 *Lysianthes microcalyx* Pennell 26 ✓
 White & blue creeping schrebera growing in mud along brookside - sunny situation; common

1330 *Eleocharis retroflexa* (Poir) Ler.
 Growing in mud beside brook. Very common. Sunny situation. 26

1331 *Hemitelia muricata* DC 26 ✓
 Common tree fern of forests ~~near~~^{subc.} Specimen in three parts. Fronds about 6' in length. a = tip, b = pinnae from mid portion of frond. c = base of frond. Distance from frond base to 150 pinnae about 6', muricate ~~see~~ the way.

1332 *Hemitelia grandiflora* (Willd) Spreng. 26
 Tree fern common along margin of Imperial Rd. - in 3 parts as per above. Fronds approx. same size as above. Have never seen this fern growing as high as 1 ft. off ground. Seems to be semi-terrestrial; common.

1333 *Dryopteris obovata* (Vahl) Urban 26
 Tufted terrestrial; common

1334 *Selaginella subtrigata* Spring 26
on roadside cut (Imperial) near Yermo.
common.

1335 *Becceria lutea* Z. var. *lutea* Urban 18
Yellow fls. Several large specimens
seen along river. Shrubby reaching
height of 10-15'.

1336 *Tectaria trifoliata* (L.) Cav. 18
Terrestrial fern. Common in woodland
areas.

1337 *Asplenium salicifolium* L. 18
Epiphytic on large forest tree standing
in partially shaded area.

1338 *Selaginella flabellata* (L.) Spring 18
Common in woodland forest floor.

1339 *Nephrolepis riedelii* (Vahl) Mett. 18
Common epiphyte in shaded forests
sometimes in open areas.

1340 *Dryopteris subrinciposa* (Willd.) Urban 18 ✓
Large terrestrial fern. Clumps growing
up to 6' tall. Semi shaded place.
Specimen in 3 parts; first record for Dka

1341 *Tradescantia elongata*, G. D. W. Meek. 18 ✓
Creeping in large colonies in wet places
beside river. Leaf sheaths & stems purple.

1342 *Pitrogramma calomelanos* Link 18
Silver fern. Occasional. Growing
 in rich soil beside river.

1343 *Blechnum brownii* (Brown) Herb.
~~*Hedystachys martinicensis* L.~~ 18 det as 3
Brownii by
 Leonard
 Weekly plant growing beneath bananas
 in peasant garden - in bud.

1344 *Asplenium brasiliense* L. 18 ✓
 Terrestrial fern. 2 day. plants seen.
 150 time collected by me.

1345 *Neurolepis melittifolia* (L.) Viechler 18
~~*Episcia melittifolia* (L.) Mart.~~
 Common in wet places cliffs, etc.
 Woodlands.

1346 *Cubis rosaefolius* Sm. 18 ✓
 Fls. white - berry red - common
 raspberry. growing in patches beneath
 peasant banana plants.

1347 *Agrostemma microstemon* (Cassini)
~~*Agrostemma* King & H. Robinson~~ 18
 White fls. common weed in peasant
 gardens. Partially sunny.

1348 *Gymnocalycium* (L.) Schrad. 18 ✓ det R.A.H.
 Weed in peasant banana garden.
 Common.

1349 *Polypodium phyllitidis* L. 18
 On old rotten log shaded

1350 *Elaphoglossum Boryanum (Fos.) Moore* 18
 Stein. Epiphytic on shaded
 mossy wet log. Several specimens
 seen.

1351 *Polyptilum loricatum* Z. 18
 Creeping on rotten log. Occasional.
 Rhizome always greenish with
 blue glaucous tinture when old

1352 *Dysopterygium peltatum* (Sw.) Kuntze 18
 Specimen in 3 pieces. Large
 terrestrial fern quite common on
 ravine cliffs near river.

1353 *Diplazium striatum* (L.) Presl. 18 ✓
 Large terrestrial fern - found growing
 well up to 6'. Hanging on wet cliffs
 close to water fall. 3 pieces.

1354 *Dysopterygium reticulatum* (L.) Urban 18
 3' terrestrial fern. Quite common.

1355 *Gonzalagunia hispida* (Jacq.) Schum. RH 18
 Common shrub everywhere. Fruits
 turning blue at maturity.

1356 *Begonia macrophylla* Linn. 18 ✓
 Growing on moist cliff face. Fls.
 white - common. Plant up to 4' tall.
 Inflorescence stalks reddish.

1357 *Dryopteris dentata* (Forst.) C. Chr. 18
Tufted fern. Close to river. Common.

1358 *Dryopteris glandulosa* (L.) C. Chr. 18
Tinestrial fern. Common.

1359 *Heliconia Bikai* L. 18
Red & yellow inflorescence. Common
along ravine.

1360 *Carluccioa Blumieri* Kunth 18
Great clumps forming masses all
over dripping wet face of cliff
Close by waterfall - 150' - time I
have seen this species not climbing
on tree.

1361 *(Pipa dilatatum) Piper dussii* A. C. Candolle 18
Common scrub.

1362 *Cestrum megalophyllum* Benth. 18
Several clumps close by base of
smaller waterfall. Growing to
15-20' tall. Fls. whitish - sweetish
in odor.

1363 *Dryopteris consanguinea* (L.) C. Chr. 18
Beautiful tufted fern growing on rocks
in middle of stream. Common.

1364 *Paspalum mitans* Lam. 18
Common grass creeping on wet moss
covered rocks.

1365 *Solanum americanum* Miller 18
White fls. Spreading somewhat
shrubby. Fruits turning black at
maturity. Clambering on other
plants close to waterfall base.

1366 *Selaginella albostriata* Spring 18
Grown on wet face of cliff.

1367 *Dryptopteris Sprangelii* (Kaulf.) Kze 18
Dryptopteris Sprangelii (Kaulf.) Kze
Common tufted fern growing in
moist spots close by river.

1368 *Selaginella glabellata* (L.) Spring 18
Grown on face of wet cliff. Juvenile plants.

1369 *Selaginella* ^{teyvela} (Becc.) Spring 18 *Selaginella* ^{teyvela} (Becc.) Spring
Selaginella ^{teyvela} (Becc.) Spring
(*albostriata* Spring)
Grown in masses over wet rocks at
base of waterfall. Sunny

1370 *Selaginella rotundifolia* Spring. 18
Creeping closely appressed to rock
sub-stratum. Picture taken in color.
Often forms cushions on mossy logs.

1371 *Sloanea* 18
Tree of Chontales grand fruit. Trees
on cliff high above waterfall. Fruits only collected.

acc. to Maxon in a letter (Mar. 22, 1941) proper name is:-
Dryopteris guadalupensis (Tie.) Kunze

1372 *Anisosorus hispidus* Lind. + Max. (Tomato fern) 18
 Terrestrial fern of wet dripping cliffs.
 Occasional. (Rare) 6' tall.

1373 *Dryopteris nephrodioides* Hieron var *guadalupensis* (Chr.) (1st Dka record!) 18
 (Dryopteris megalodes (Schkuhr) Ulbr.)
 Large terrestrial fern. Rhizome segment
 lvs. (Probably 1st authentic Dka collection
 of this sps - see Domke!) w. misnamed (see above change.)

1374 29 Feb 23
 Fuit of malae cacao. No other
 material collected. High stem forest at base
 of mt. Fuit found on ground.

1375 *Erythrorhynchus plantaginea* (L.) Fair. + Rendle 29
 Terrestrial orchid. Common in high stem
 forest at mt. base.

1376 *Alpinia racemosa* L.
 Comm. 3-6' tall. Lower forest. 29

1377 *Besleria (petiolaris) Grise* Verdc. 29
 2-3'. Flrs. yellow. Growing on high
 stem forest flor.

1378 *Podocarpus (coriaceus) Z.C. Rich.* 29
 Tree 8-10" diam. 30-40' tall.
 Not seen in fls. or fruit. In forest zone
 above high stem forest. Transition between
 ib and mossy forest. None of trees of
 very great girth.

1379 *Peperomia* 29
 Creeping over mossy limbs in cloud
 forest. Fairly common.

(597 #5
Including exs.)

1380 *Elaphoglossum Plumieri* (Jacq.) Moore 29 Feb 23
Epiphyte - common in mossy forest.

1381 *Chromolaena impetiolaris* (Griseb.) Nicholson 29
Shrub not in bloom from summit.
Fairly common. 12-15'.

1382 *Brachionidium Sherringtonii* Roffe. 29
Deep purple fls. Creeping in moss
mats on limbs of trees in mossy
forest. Quite common. Orchid.

1383 *Psychotria urbanica* Steyermark 29
~~Leptacris~~ *urbanica*
This species not common on upper
slopes of mt. but becomes more prevalent
below mossy forest zone.

1384 *Tibouchina* (?) 29
Growing in mats on rocky outgrowths
at summit.

1385 *Arthrostylis dominicae* Schott. 29
Epiphyte. Mossy forest.

1386 *Lindsaea montana* Forst. 29
lancea (L.) Bedd.
Terrestrial fern in mossy forests.
Fairly common.

1387 *Lycopodium meridionale* Underw. + Lloyd. 29
~~andrewsii~~
Creeping over rocks at summit.

1388 *Mikania oralis* Grisebach 29 ✓
 Climbing vine at summit. Stems and
 fls. deep purplish-brown, including leaf petioles.
 Occasional.

1389 ^{stet} ~~Plumbum~~ *mammilla pinnata* J. 29 ✓
 Lamiaceae
 Sweet fragrant fl. shrub. Quite
 common on summit. Up to 15' tall.

1390 *Cephaelis axillaris* Sw. 29
 Fls. whitish. Indigo bracts &
 fruits. Indument deeper in
 color than other species, but same
 size in growth. The common species
 of mossy forest & summit in shade
 of dominant shrubby vegetation where
 practically no *Cephaelis Swartzii*
 was seen.

1391 *Fixa pectinaria* (L.) Blume 29 ✓
 Fls. & fl. pedicels purple-red.
 Petioles of leaves reddish. Common
 Fixa in mossy forests & at summit.

1392 29 ✓
 Common shrub of summit. 15-20' tall.
 Red in fl. Leafy branchlets red as well
 as petioles & base of midrib. Work sample.

1393 *Selaginella substipitata* Griseb. 29
 In wet places on ground.

balius
 balius savanne = Sida
 balius savanne catane larvogl
 Lycopodium stockii
 1394 *Sympetrum raamosa* (Vahl) Steyer 29 Enc.
 Scrubby shrub. green fruits. 8-12!
 Occasional.

1395 *Arthrostylidium excelsum* Grise. 29 ^{Agave} _{there}:
 grass growing at summit. Only specimen
 seen collected.

1396 *Clibadium* (?) 29 ✓
 Shrub 15-20' tall. One of common
 shrubs of summit. Not in fl.

1397 [✓] *Faidherbia* _{there}?
 Fairly common shrub at summit.
 Not seen in fl.

1398 *Nicoria vulcanica* Hand (ex char.) 29
 Common summit shrub. 6-10'. Inflorescence
 greenish white - in bud - petals whitish
 anthers pale yellow, filaments white -
 Peculiar tufts in place of stipules.
 Petioles on young leaves often addid.

1399 *Polypteron duale* Marxen 29 ✓
 Growing out of bark of fallen tree in
 very sunny spot. Perhaps a dwarf
 form of coelosanthus duale.
 Never before collected by me. (my, my!)
 Only one colony seen.

1400 *Trichomanes hymenophylloides* Bosch. 29
 Epiphytic on trees in mossy forest.
 Common.

1401 *Selaginella substipitata* Sprng. 29
 Common terrestrial - mossy forest.

1402 *Trichomanes rigidum* Sw. 29
 Terrestrial - common on bases of trees,
 rotten logs, or on rich humus on
 forest floor. Throughout mossy forest.

1403 *Polyodium asplenifolium* L. 29
 Common epiphyte.

1404 *Polyodium* ²⁹ ~~sp.~~ *Khonottonium* Hodge 29
 Is this an especially fresh specimen
 of my new species?

1405 *Trichomanes rigidum* Sw. 29
 Common epiphytic mossy forest.

1406 *Nucoria vulcanica* Hand. 29
 Probably fruit of #1398. Fruit
 looks as tho will be blue at maturity
 altho at present is yellow-green.
 Slumb up to 12-15". Very common at
 summit.

1407 *Six sideroxylloides* (Sw.) Griseb. 29 ✓
 Shrub 15-20' tall - one of common semid
 shrubs, leaves coriaceous, buds
 greenish, new growth light green.

1408 *Lobelia stricta* Sw.
cupa flavesceus 29 Feb 1911 ✓
 Flos. white, anther tube darkish.
 Common scrubby plant of summit.
 Leaves whorled at tips of branches.
 8-12' tall.

1409 *Psychotria penduliflora* (Jacq.) Liebm. 29 Feb 1911
quadrangularis (A. C.) Howard
 Shrubby (semic) leaves very fleshy;
 dark green above, pale green below;
 petioles, mid-rib below & leaf margins
 red; inflorescence stalks red; flos.
 white; de-valvate bud slightly
 tinged with red.

1410 *Trichomanes trigonum* Br. & R. 29 ✓
 Common on floor of forest - mossy.
 In rich humus or on old logs.
 Seldom epiphytic.

1411 - *D. rotundata* C. Chr.
Dryopteris dominicensis (C.) Chr. 29
 Common terrestrial fern in mossy
 forest.

1412 (*H. hirsutum* Sw. var. *latipinnis* Baker + Baker)
Hymenophyllum (?) *latipinnis* v. d. Bosch 29 Feb 23
 Pale green with rusty hairs. Fern
 hanging & mixed with very wet, dampy
 slimy mosses. Hardly to be told from these mosses.

1412 The thinnest fern I have ever seen.
(cont.) Only to be found in super-saturated
places—in cave-like areas beneath the
summit trees. New species for me.

29

In his account on plant ecology of DOMINICA, in FLORA PHOTOGRAPHICA, K. Donkin states that the 2 principal trees of the typical high-forest forest association are *Dacryodes hexandra* (gommier) and *Sloanea monosperma* (chataue petit feuille). J. S. K. doubted this statement when I read it to him so we decided to make an actual count to find the relative abundance of various species composing a given site. On Feb 20 '40, therefore, J. S. K., Bobbie & myself plus ^{one} Joseph, a woodcutter in the employ of Sylvania went down to the vicinity of Corona (the new coloring shed) and started walking down the Campbell track getting Joseph to give the forest's name for each tree specimen passed immediately, nearly the full-a sort of random sampling. The result of this sample follows on the next page and illustrates that the chataue is nowhere near as common as Donkin states; his results are probably based on the fact that the small-leaved chataue is the most striking & largest tree of the Dominica forests. It might be stated that the soil on the quarter mile sampled is (very) rich but shallow, hard pan underlying at a depth of 4 or 5 feet. The undergrowth (shrubs & small trees) has been cleared out within the past 2 years which makes surveying relatively easy. Mr. Pierre tells me that probably the area has lost a number of this diable since this is a spot much sought after for coals and undoubtedly a few other spots used in building have been eliminated (note scarcity of *lauraria*). Despite this, Sloanea + Dacryodes should represent original forest since they are 2 sps not used at all—hence in many areas may appear dominant. [The high forest on Colla highlands directly above Sylvania has very deep tho' not 2 rich soil and a canopy mix with J. S. K. showed his diable to probably be dominant and

there apparently are a number of other sps not at all 167
notes along the Campbell track. Apparently soil condition
play a big part in determining the species represented.
This area, and the area about halfway up on Drablon
as well as pathway down Castle Bruce track should be
visited with a capable woodsman & counts taken. (Feb. 20, 1940)

In order of number seen:

1. Bois côte (31 trees)

Trunk furrowed & sometimes pined. Slight
buttresses. Use - pillars.

2. Bois gommier (22 trees) Dacryodes hexandra

3. Carapete (13 trees) Use - posts, heart is best.

4. Mahaut cannon (13 trees) Stenelia carinata

5. Bois diable (10 trees) Licania trinanthus

Blated & wanted bark - rarer bird feeds on berries.

6. Bois blanc (10 trees) -

7. Grand blé (8 trees) - means "big wheat" - buttressed

8. Chatanier petit feille (8 trees) - "little leaf" ^{Shorea?} grain of forest.

9. Chatanier grand feille (7 trees) - "big leaf" -

sign of good soil - buttressed roots.

10. Mahaut (or Coco) poule (4 trees)

11. Bois bandé (3 trees) - good wood for boards. Chime glabra

12. Olivier (2 trees) - called "olivier". Terminalia bueceres

13. Cré-Cré (2 trees) Miconia?

14. Bois violin (2 trees) - cabinet wood.

15. Pipiri (2 trees) Pithecellobium micradenium

One Tree each:

Laurier de rose (has red berries & looks similar to Bois diable)
~~gumbo montaigne~~ (yellow hibiscus) Hibiscus tulipiflorus

Bois rivière (sign of good soil) Chimarrhis cymosa

Taglis frances (sticky sap used as birdlime - not good board wood)

"Zorangers" - 50' tall, 2' diam. Use - posts.

Bois canoë - (seedling only) Cecropia

Laurier Isabelle Ocotea cernua

Laurier de pointe - use - boards

Caconier - use - shingles & boards Ormosia decaryana

Gum incense - mango family - used for incense.

Signs of Rich Soils :-

{ Pois doux marron (with pois doux) = probably an Ensa

{ bois canot (or canau?)
Crocopia

- if peasants see above they are ready to clear for garden
- peasants also say they look for blue in forest foliage to tell where to start a garden; actually the color (as seen in *pois doux marron*) is a deep black-green; if they see a colorful forest canopy or colorful open land they always stay clear of the region as it generally consists poor soil.

Signs of Poor Soils :-

- staghorn (*Hypothamnium cornuum*)

- Cyathea arborea

{ *bois blanc* (has pinnate leaves of shiny light green)

cré-cré (*Macrorhynchus exsiccatus*)

- places which often slide - hence day by often have *cré-cré* - etc. (Picture in front of Sylmania as good example)

note
these
colors
are
predominant
in these
regions.

Morne Diablotin : according to J.E.K. summit area of this peak which possesses scrub forest is very small - no larger than 100x100 ft and the majority of the ridges are *KaKlank* covered. In other words it is a pretty good bet that whatever you found on *Trois Pitons* would more than cover spots to be found on Diablotin's tiny scrubby summit.

High-Humid wet. Forests : are according to Domin composed predominantly of Shorea-Dacryodes association. J.E.K. believes this an overstatement and I am inclined to believe him but an acre count with a reputable woodsman would be a better idea. J.E.K. thinks apparent predominance of two above species is due to fact that these 2 genera are never cut by natives except in unusual circumstances.

Cyathea arborea :- takes possession of recently opened slopes (either by landslips or abandoned cultiv); Cré-cré (Exsicc. Uricaria) being a faster grower will beat *C. arborea* to the draw in many sites, but latter is especially predominant where the soil has exposed sub-soil with N deficiency. (J.E.K.)

Dominica Collections - 1940

#18 Sylvania enivros - Waterfalls of Massacre R. Feb. 9, 1940
 Gorge heavily wooded in places, planted to peasant gardens in others with two waterfalls. Majority of plant collected in close proximity to waterfalls.
 100 labels

#19 Morne Colle Anglais Feb. 10, 11, 16

#20 Morne Negre Maron Feb. 11
 Altitude 2200'. Name means "Run-away negro" from supposed site of camp of run-away slaves.
 50 labels
 Collections from summit of peak. Mt. associations very similar, though in smaller extent, to series found on Morne Anglais. Slopes very precipitous and summit consisting of a narrow ridge. Shrub covered. Open places filled with razor grass, and ESE face with a sheer drop of several hundred feet. Region of cloud forest very small but a suggestion of it shown by numerous mosses hanging and covering the somewhat decayed trees and shrubs. Forest floor at this region sparsely covered with plants of *Trichomanes*, moss mats with common species of *Hymenophyllum* and epiphytic *Polypodiums*, large *Bromeliads* present but not in same #s as seen on taller peaks; tree ferns with prickly

found stipes scattered through forest
at lower altitudes supplanted at
higher altitudes by a spreading
of m.b. palms nearly all of which
at this season appeared in fruit.
These palms average 6-8" in diam.
at base, 10-15' tall, leaves abnd
6-8' long, fruit red colored. At open
summits genera most apparent similar
to those at the summit of higher peaks,
(anglais) such as Tupa, large Arums
(Taria-leaved type), Marcegravia,
Scleria (2 species), Didymopanax,
Clusia (very small quantities), Blechnum,
Lycopodium cernuum, Selaginella (prob.
Abbonites), Various Melastomes (all common
esp. genera), Begonias especially common
in peasant gardens at base.

Summits apparently not wind swept as Trois
Pitons.

#21 Sylvania:
Cleared land (as per 1938 labels) Feb. 12

#22 Sylvania gorge (Ravine Mang Blanc) Feb. 12
Started up gorge at point where trail from ^{acc. to J.S.K.} Sylvania House to Caribbean
cuts stream; followed up perhaps a quarter mile or less.

#23 Campbell Track Feb. 13

- collections made along trail starting opposite Sylvania's red
(1938) coloring shed at Corona and run at first thro
high-stem forest (undergrowth cut off) then untouched forest,
past a clearing with peasant garden to cliff overlooking
gorge and river. J.S.K. says not rich but very shallow - 4 to 5 feet to
water.

#24 Sylvania to Mahaut (Imperial Rd.) River Feb. 15
Plants collect. along Imperial Road from Corona to ford thro Rio. Mahaut.

#25 Garden weeds about Sylvania Feb. 16
Any weeds of gardens or cleared lands around Sylvania House

#26 Sylvania: Cleared land and forest margins Feb. 16
across Imperial Road from entrance to
Sylvania house

#27 Costa Brava trail: Feb. 17
Specimens collected along 1st two miles
of trail running from junction of it
with Imperial Rd. to the heights of
land. This entire length of trail runs
through high stemmed sub. forest. However,
since the majority of its length lies on the
northern shoulder of Tres Picos, the
forest is somewhat transitional into a
mossy type. Epiphytic and terrestrial
ferns are far more abundant than
at same altitude in the lee of the mts.
in and about Sylvania. The trees are
not represented in this collection. The
mt. palm, Catepe, is more abundant here
than anywhere else seen to date being
evenly scattered throughout the high timber.
Specimens were seen easily 30' tall with
8" diam. at the base. None were seen in
flower. The very large epiphytic bromeliad
(? Guzmania) was everywhere & several
specimens were seen well past fruiting, dried
& dead. All along the trail despite its wetness

#27 were large clambering mats of *Selaginella*, *Scindapsus* (?). Besides this Sedge, a grass, (sterile) also climbed high on the border trees. The soil depth is very shallow & there is much running water on the trail; in many of shallow standing pools was found *Utricularia pusilla* (?).

#28

Mount Joy

Feb. 19.

open land & partially shaded slopes along ancient wooden rd.
Joy estate running through d'Imprevie estate to Imperial Rd.

#29

Morée Trois Pitons

Feb. 23.

Took a boy (Bland) and guide - George, both of Sylvania estate and started in car with John Knobell who was to climb Negoe Maron down Riverdale direction opposite road to Saltoun, John put us on Trois Pitons trail (close to 10,000'). It was a leisurely trip to the summit which was reached about 1:30 P.M. The day was glorious - full sunlight for the whole period of the climb and only hindered by haze in the distance which rendered clear photographs of distant views impossible.

From the high-stemmed forest at the base we rose up quite a steep slope to leisurely sloping covered with vegetation, which can be classified as form of monsoon forest. The trees at the base of this just rise above the sedge over a pot in diameter at base and had amongst their components podocarpus and various mangroves. A

count of the trees in this zone with a good workman would be very profitable. In the morning first I soon ran across the new Polypodiaceae of the previous trip, associated either with a shorter, more conaceous, narrow-petaled sphagnum or with a fern of itself: with Roland's help an exsicciata was also easily taken as we climbed.

Lunch was eaten at about 1:30 at the most northermost of the summits (as seen from Sylvania house) and at about 2 PM I started collecting which was through time concluded at 3:45 P.M. So cloudy was the top at the time of my previous climb in 1938 that no clear idea of the summit terrain had been gained. A great basin runs south of the northernmost peak and is bounded in by a S.W., a south, and an eastern peak. Most profitable collecting could perhaps be gained from work in this area but it would be impossible without several days cutlassing of brush for without a trail passage is impossible. The whole area seems worked with the dominant summit trees (or shrubs) and only the sides of the jagged S.W. peak (highest?) and those of the smaller and lower peaks are free of trees and replaced with what appears in the distance to be redish lichens or mosses.

What small areas are bare of shrubs (100 sq. feet here and there) are covered with ^{dry} the ~~thin~~ thinning, incrusting *Lycopodium*, mosses, lichens, 2 bromeliads (*Pitcairnia spicata*, and red + yellow one with green and red lipped leaf whorls).

The majority of the summit is dominated by

Ka-Klant? which may be a *Clusi*^{more} or may be a *Schaderia* - at any rate the fruits are clustered - and at this time were small and green - no flowers present. The other chief shrub is *Hedyosmonox* which was chiefly in fruit (green & black at maturity) scattered pretty evenly throughout all the ^{openings} ~~wee~~ ^{de} shrubs (or trees): - red *melastome* and a white *melastome* almost equal in numbers; *cunoniaceae* shrub with whitish flowers; another shrub ~~with~~ ^{red} red corded leaves & red pedicels?; evenly scattered through these components were 2 palms, the mt. cabbage, and a *Crinum*-like fellow which is averages 15-20' and 6" through at base. Grasses are shorter than *G. dominicana*. None of these species (palms) were seen in other than flower. Both palms are about same in height. The growth of the mountain trees is quite peculiar for the branches are stag-horn like and devoid of all foliage except at the branch tips, the end result being a continuous canopy of foliage which from above looks like an even but rolling green carpet.

Beneath this canopy, which at this season was spangled with a gorgeous red & yellow flowered bromeliad, is a shaded dampish zone of mosses which hold in their waves, *epiphytic* ferns - *Thelomanea* and *Hymenophyllum*, the small orchids *Blennialleia* *bermudiana*, and *Malaxis* *speciosa* (ⁱⁿ flower) None of the latter algae were seen and but one specimen of *Vida stipulacea* which was abundant on previous summer climb. On the wet surfaces of rocks beneath the forest canopy were a very thin new

Hymenoxystylleum latifolium with hair covered with moisture. There also were small patches of the other genera mixed with abundant mosses. The dark wet floor (specimen of mud taken for Balvin) were a few of a small Selaginella. There the deer just in one could find *Dryopteris domellaniana*, a beautiful fern which was only seen at summit, and various terrestrial or epiphytic aroids.

The climb to the summit, often open had much of the *Rhizohypothecaria* sp. collected - but not much *Scleria*. A few grass, only one dump, was taken on n. summit.

Most striking were however variegated yellow bromel and red melastome. Bromel was most abundant at summit but extended with a few individuals down into lower mossy forest where it petered out and was replaced by sparse blossoming giant bromeliads, one of which (for perhaps there are several sp.) is the very bracted form which was collected.

Descended back to Saltoen junction with Imperial Rd in 2 hrs from northern summit (3:40 to 5:40). Walked to Corona where Ernle picked us up in J.I.K's jd.

List of Plants mentioned by DOMIN in part on DOMINICA in FLORA
PHOTOGRAPHIC

Present on coast: - Coccoloba uvifera — Hippocratea mancinella emor,
Tournefortia, Res-capae, Desmodium - Croton corynatum as
well as other coastal association

Main forest zones:

1. Tropical forest of lowest slope zone
2. High stemmed mountain rain forest
3. Supramontaneous mossy forest of lower growth
4. Scrubby low parts of highest mt. peaks.

#2 above: dominated by Alouaca - Dacryodes association

Alouaca *Mauritiifolia* (chataignier) with mighty buttresses
Dacryodes *hexandra* (gommier)

Moraceae *coccinea* (white mangue) arching stilt roots
Sapindus *acuparium* (bagli or la gline)

Prunus *orientalis* (noyon or armandier)

Bunelia *retusa* (talata, billy or bullet tree)

Pithecellobium *microdendron* (pipiri)

Morisonia *burayi* (bois doré)

Vitex *divaricata* (bois lézard)

Hymenaea *courbaril* (locust or courbaril)

Endocarpus *violaceus* (arnette)

Heraclea *caribaea* (mahaut coiron)

Talauma *Blancieri* (bois pain)

Sideroxylon *masticodendron* (mestic or acomat)

Amavoa *caribaea* (carapite)

Terminalia *luehrsii* (olivier)

Liga *laurina* (bois doux)

Liga *ingoides* (bois doux maron)

Exostema *floribundum* (guina)

Large
trees

Smaller
trees

of numerous shrubs :-

Cephaelis swartzii
Pithecellobium
Randellia
Hilia longiflora
Melastomaceae

Rubiaceae :-

Zizka
Artocarpus

Myrtaeae : *Syzygium*

Momoriaceae : *Atrosma*

Araceae : *Anthurium thuyoides* (forms big nests)

Clusia venosa (epiphyte + strangler)

Caricaceae *Plumieria*

Selaginella habellata

Trichomanes elegans (giant of plumes)

Crater slopes : exposed ~~scrub~~ ^{scrub} - shrubby forest :-

Clunia, *Melastomae*
Panax attenuatus (Araliaceae)
Nyssa (Myrtaceae)
Dodonea (Aceraceae)
Chrysophyllum (Sapotaceae)
Citrona (Moromiaceae)
Grammadenia } Myrsinaceae
Ardisia

Ternstroemia (Ternstroemaceae)

Boiling lake : compact growth of Bromels, few grasses + sedges.
 + *Didymopteris*, *Blechnum serrulatum* +
Hypolepis curvata.

FLORA PHOTOGRAPHICA CONT: -

Syzygium in Dominica's wet. -

Mallotus claviger aphylla

Yoyria uniflora (gentianaceae) single yellow-fls.)

Grand savannah:

- even shrubby vegetation excluded due to thinness of soil

- *Eragrostis ciliaris* grass savannah.

= good photo to go with, taken.

Exsiccatae Sets Collected in DOMINICA in 1940:-

<i>Dryopteris</i> (L.) <i>Guianensis</i> (L.) <i>Guianensis</i> (L.)	(#1243)	✓ (Lisidore)	<i>Sylvania</i>
<i>Miconia</i> (?) <i>guianensis</i> Cogn. (#1082)	cre'-cre or hoio sand	✓ (Sylv.)	<i>Sylvania</i>
<i>Trichomanes Kraenzlii</i> Hook. sp. # 1597		✓ (Sylv.)	<i>Sylvania</i>
<i>Polyptilium distale</i> Paxm (# 2095)		✓ (Sylv.)	So. Chilterns
<i>Thikamia Hookeriana</i> D.C. (# 2266)		✓ (Laud.)	<i>Laudat</i>
<i>Cyathocarpus surinamensis</i> (# 2400)		(Mona Bay) (Laud.)	Ridgefield
<i>Polyptilium</i> n. sp. (# 1431)		(Laud.)	Lisidore
<i>Pittacanthus</i> (# 1582)	mistletoe	(Laud.)	Sylvania
<i>Solaginella fabellata</i> (# 2498)		(Mona) (Laud.)	So. Chilterns
<i>Episcia melittijolii</i> (# 2710)		(Mona) (Laud.)	Lisidore
<i>Gesnerioides laevigata</i> (# 3852)		(milt.)	Milton
<i>Miconia</i> (?) <i>paragae</i> (?) (# 3853)		(Sylv.)	Sylvania
<i>Polyptilium sericea</i> Fee (# 3963)		(Sylv.)	Sylvania
<i>Solaginella rotundifolia</i> Spring (# 1022)		(Laud.)	Massacre Falls

PURCHASES:

- SEE IF GRAY WILL PAY FOR TRANSPORTATION OF PEGS ABOVE ALLOWED QUOTA ✓
- SEE IF THEY WILL PURCHASE:
 - 4 more ~~lockable~~ size ✓
 - 6 small ~~lockable~~ size ✓
 - 1 pr. prunning shears (hand) + 1 pr to fit on long pole. ✓
 - 2 developing trays ✓
 - 1 " bath ✓
 - developing. (50 lb) ✓
 - hypo plates (25 lb) ✓ *
 - hypo ready to mix up (10 pints) ✓
 - pick

60-00-715 3 alige
 - nodal + in the leaf + in the fruit
 - together

GET FOR SALVIN: MUO SAMPLES, PREFERABLY FROM BESIDE STREAMS

Bromel Seeds send to: (arrow)

[Melford B. Foster
 718 Magnolia Ave
 Orlando, Fla.]

Manducieel: According to Douglas Tay (or via S. Hawes) this is used to make beautiful perfume on the islands and every young married couple must have their own perfume made from Kong tree, burn fire around; let stand 3 months about; then strip bark and cut and make into perfume.

DOMINICA FLORA

- key needed to only genera + sps.
- all only synonyms used in standard works of W.I. or else which have been used in monographic treatment.
- no keys to sps. make fully descriptive and then under sps. have 2 or 3 lines of description (not used in key) to be shown down: shrub, tree, herb - etc. For examples see Standley Trees + Shrubs of Puerto Rico. (or Drim's Treatment of genus *Crataegaria* - 2-3. his key)

PHOTO: when filming "plants" in color show size and brilliant colored object such as red pencil - etc., ring, - etc. ✓

PHOTO: a complete photographic series of each of tree ferns would probably be very valuable (habit; crown, stem, base of trunk, sectioned trunk) close-ups would be very helpful. ; also same for palms.

PHOTO: SERIES OF AROIDS FOR POSSIBLE ART. (ECONOMIC + OTHERWISE)

1) AROWA ROOT (FARMER'S food for people who can't eat wheat) . . .
Taro - etc. . . .

PHOTO: of a series of typical habitats { - ^{old} ^{mossy} ^{forest} ^{scrub} } { - high forest } { - ^{abandoned} ^{clearing} } { - ^{low} ^{forest} } { - ^{and} ^{shrub} } { - ^{also} ^{grand} ^{savannah} }
 (1) - strand association { - ^{old} ^{mossy} ^{forest} } { - ^{abandoned} ^{clearing} } { - ^{low} ^{forest} } { - ^{and} ^{shrub} } { - ^{also} ^{grand} ^{savannah} }
 (2) - photograph all new sps.
 (3) - photograph all *Dominica* endemics (or sps. not treated or very
rarely in Caribbees) to be included in rear of Flora.

- look over Box and Alston on St. Kitts *pteridophyta* + at each of collecting places + intervening areas note detailed ecology.

TAKE: BOX'S AND ALSTON'S REPRINT OF ST. KITTS PTERIDOPHYTA ✓

PHOTO: PSILOTUM (RELIC OF DEVONIAN) (ART.) ✓

General description of valley further

* *Polypodium Eggeri* ^{Burm} (Dorm.) type = Eggeri = D. yet around bandat.

P. dualis Masson ✓

Adiantum latipinnium

Mauropteris radula Tie (common in forest near Roseau)

Hemitelia galvata L. (Sachs var.?)

* *Dryopteris Herpestis* (Dorm.) (Sylvanii)

* *D. dominicana* C. Presl. (Mormo Tros Pilus, Drobolita.) ^(type)

Teletaria

* *Elaphaea viridescens*

* *S. Massoni*

* *Cephaelis Surinam* ✓ (and photographed at bandat)

C. unitaris

Begonia dominicalis

Polygonatum dualis var. *alboreum*

to be truly valuable on such sps as are endemic to or originally described from the island should be collected for exsiccatae.

For EXSICCATAE

Caribudovia insiquis ✓

* *Dyapheris h'Herminieri* ✓

Trichomanes { *alatum*
{ *crispum*
{ *crispium*

Hymenophyllum

* *Gasteria* { *hirsutissima* - (rare, common on forest borders and clearings near Laundat +
{ *caerulea* - forest clearings - Laundat.

Heuchera grandifolia (Willd) Spreng. Linds., Sylvania, Laundat.

Chuquiralpa

* *Hibiscus tiliaceus* Hook. Colla negrae - big yellow flowers. (photost at Fresh, Lake)

Eupatorium integrifolium Gris. (in the mts.)

* *E. trigonocarpum* Gris. (Lindsaea - with) Sylvania (P. Hooper) (Lake Korean - Eggers)

* *Melastoma ovalis* (Lour.) CONLIABON

Melastoma ovalis (Conliabon) var. - Murray

* *M. surinamica* Gris. = Horkelia

Tuya digitata Gris.

T. flaccidens A. DC.

Anthurium dominicense Schott.

(photographed Laundat)

* *Gronoma dominicana*

Polygonia pendula Willd. var.

* *Beaeria petiolaris* Urban

* *B. latera* var. *auricaji*

Episcia multifolia var. *typica* + var. *guadeloupensis*

Alloplexus cruentus Mart.

Columna scandens L.

* *Weigeltia antennaria* Mez

* *Piper dominicanum* C. DC.

* *Piperomia hirtella* Mez.

* *Microsphæris Surinamensis* Pierre

M. dominicensis Pierre

Oxytree fabriliis Pierre (Bunelia retusa Gris.)

Licania ternatensis Hook. f.

* *Nelis Jefferiana* Richb. f.

* *Lycopodium leucolepis* Wedd. + Lloyd (type from Morne Diablotin)

* *Le tortuea* Liebm. (var. *Boliviensis* Lake) - illustr. Dourn.

Succowia surinamensis (Conliabon Nts.)

Dominica problems:

Lycopodium

Dryopteris dentata and possible segregates

/ no

in wet?

✓

Find out localities previously cited: e.g. —

Coulacou Mts or Mount Coulacou (Barry) ✓ = Morne Watt or
Morne Gombo (Eggers)

Morne Baileybode (Ramey - Lygodesia ciliatae)

Breakfast River } — on way to Boiling Lake ✓

Hornwood } Domin

Macouchee Ridge ✓

Pernassio (Pursh 1810-11)

Paradise net

Devolong River (in shady woods, on Devolong River)

Grand Anse (in Indian River near) = Portsmouth ✓

Near the Head of the Canal

Point Round ✓ (Spanish net near)

Fompee Hill ✓

Callikout

Dogue Ridge (Moye Maron?)

Hispaniola R.

Spanish River

In hedge rows, Dr. Dognes

Pernassio mountaini

near Mr. Dayles

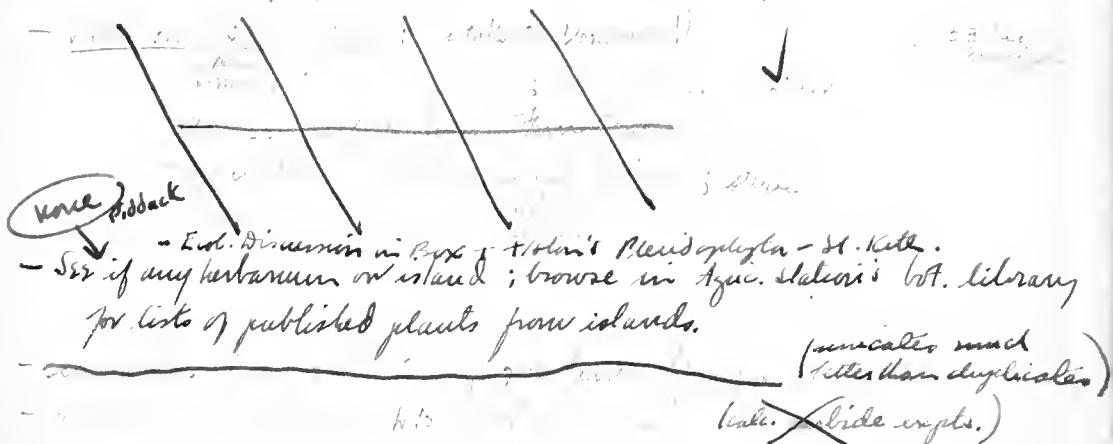
A list of plants stored at or in the
vicinity of Pernassio on the Island
of Dominica

~~Take material for Harriet Arnolds~~

- R.H. Wetmore wants seeds of leaves

Dominica "wants":

- marine monocots (see Feldmann reference) ✓
- Encyclopedic sets of 125 of perfect spcs. - local to W. Ind.
 - e.g. *Oxyptoris l'Herminieri* ✓
 - Trichomanes* ✓
 - Hypolepidium* *lucus*

I. Bailey:

word collections: ✓

1 good
 turb.
 spec.
 to do.
 with

(1) - sectors of main trunk and bark

(2) - young branch (8" piece) $2\frac{1}{2}$ dm \odot
 (3) - stem and leaves

prefarably pickled
 in 70% alcohol.

- especially interested in Malvaceae { Ottoschultzei
 - pickle some pms
 - mount spcs. in herbaria with 2 flower types - discolor
 - (get young stems, fls., and fruits.)

- take paraffin paper for leaves and flowers (like littlerid) ✓

- Duplicate collection of

Eupatorium neglectum (figs 628 = type)

Eupatorium macrorhizon Dc. (ribbed 3)

Eupatorium monospernum Urb. (figs 145)

- Photo *Gramine dominicana* and keep eyes peeled for *Gramine* on Mouscron and St Kitts.

- number notebooks (pocket size) with collection numbers before one sail (2 no's per page.) (get 10,000 tags) ✓

Sheets

Jan. 14 '39	To Gray Herbarium	175
	- ferns, lyngworts, orchaceellas, grasses, irids, alpines, palms etc.	
Jan. 24 '39	To Gray Herbarium	25
Jan. 25 '39	To Gray Herbarium	40
Jan. 25 '39	To MSC (made up - 3 packets)	187
Feb. 24 '39	To Gray Herbarium (orchids)	33
Feb. 28 '39	" " " <i>Triploch. surinamensis</i>	1
		7
		102
Aug 9 '39	To Gray Herb	55
Aug 21 '39	To Gray Herb	60
Aug 22 '39	" " "	61 Some Economic from B.A. ^{garden}
Sept 2 '39	" " "	32
Sept 3 '39	To Gray "	53 grasses + sedges
Sept 4 '39	To Gray "	
Sept 11 '39	" " "	19 melastomes
Sept 12 '39	" " "	38
Sept 15 '39	" " "	26
" " "		37
21		45
22	" "	26
28	" "	22
30	" "	60 Economic (Garden)
Oct. 19	" "	22 Economic (B.A. Garden)
Dec. 16	" "	6 Bromeliads

BOTANICAL COLLECTIONS - DOMINICA, B.W.I.

1937

<u>STATION</u>	<u>PLACE</u>	<u>DATE</u>
1.	Lisdara - epiphytes collected from Citharexylon species	Aug. 27
2.	Lisdara road (Tavernier Estate)	Aug. 27
3.	Lisdara road - open hillside clearing	Aug. 29
4.	Forest path to Grand Bay from Lisdara Rose bay predominant	Aug. 30
5.	Grand Bay road - between Lisdara and G.B.	Aug. 31
"L"	Layou Valley	Sept. 2
"B"	Roseau Botanic Gardens	Sept. 3
"S"	Road to Wotten Waven	
"C"	Chattanooga estate	

BOTANICAL COLLECTIONS - DOMINICA, B.W.I.

1938

<u>STATION #</u>	<u>PLACE AND DESCRIPTIVE NOTES</u>	<u>DATE</u>
1.	<u>ROSEAU</u> - Botanic Gardens	7-16
2.	<u>ROSEAU</u> - Morne Bruce (probably 300 ft.) From shrine on W.summit down Jack's Walk and over Bee Hive path to base. Densely shaded woodland.	7-19
3.	<u>MARIGOT</u> - banks of Mantipo River Very wet clay soil; probably second growth forest Melville Hall estate, Marigot, Dominica Moderate shade.	7-21
4.	<u>MARIGOT</u> - near banks of same Mantipo River, but to be more exact in denuded cultivated open hillside underlaid with red clay and in which a great part is used for pasture or growing of dasheen, cassava, bananas, etc.	7-22
5.	<u>MARIGOT</u> - Trail from Salybia to Hatton Garden River Red clay undersoil - mostly fairly open	7-23
6.	<u>MARIGOT</u> - Shore Road between Marigot and Melville Hall Estate. Rocky red clay cliffs bordering beach - and some on beach itself.	7-24
7.	<u>PORTRSMOUTH</u> - West Cabrit (623 ft. at summit) north side of Prince Rupert Bay. Collection started at <u>summit</u> and continued to old mili- tary buildings. Soil extremely rocky and boulder laden. No clay visible. Hills entirely covered with vegetation mostly moderate in height but in cases running up to height of jungle trees. Dominant species were a lavender colored <u>Ficus</u> - ^{<i>Indica</i> - <i>Coronata</i>} <u>sime</u> - very fragrant and reaching size of a wild cherry. Logwood (not in bloom) also common. Doves everywhere above - soldier crabs everywhere beneath. Silk cotton trees present as was also several large either <u>Ficus</u> or <u>Rhizo-</u> <u>phoras</u> .	7-27

<u>STATION #</u>	<u>PLACE AND DESCRIPTIVE NOTES</u>	<u>DATE</u>
8.	<u>PORPSMOUTH</u> - East side of East Cabrit	8-1
	Shrubby mudflats and swampland lying between Prince Rupert and Douglas Bay; several of plants collected on Prince Rupert Beach. Crabs everywhere. Probably much of the water underlying brackish for land was at <u>sea level</u> .	
9.	<u>PORPSMOUTH</u> - Backyard and roadside plants	7-29
	In town itself - gravelly and in many cases undersoil red clay. Sea level (approx.)	
10.	<u>PORPSMOUTH</u> - Along shaded watershed of North River (source of Portsmouth's water supply)	7-29
	Arising on steep clay w. slopes of Morne Brule (1876 ft. at summit). Epiphytic ferns from trees on latter slopes.	
11.	<u>ROSEAU ENVIRONS</u> - <u>Morne Anglais</u> (3748 ft.) Collection started on lower slopes and proceeded upwards;	8-3
	a. Forests cover almost entire mt. with exception of lowermost slopes where peasant gardens can be found. Huge gommier trees with buttressed roots and whose branches are overburdened with epiphytes can be seen here and there. b. Moisture is everywhere - beneath the humus is a thick sticky mud that pervades all. c. Tree ferns run through lower forest through middle to upper. d. Top is covered chiefly by a thick leaved shrub <i>Clunia crenata</i> somewhat resembling Coccobolis in its leaf shape. e. Moss is everywhere offering substrata for ferns, orchids, etc. f. Mt., according to Clem Dupigny is 50 ft. short of Trois Pitons which is 50 ft. short of Diablotin. g. Top of Anglais is composed of 3 knobs which in some spots almost have knife edges, and in several spots one could almost straddle ridge. h. Highest peak is middle and is, unlike rest, free of large vegetation for a radius of 25 ft.	

<u>STATION #</u>	<u>PLACE AND DESCRIPTIVE NOTES</u>	<u>DATE</u>
12.	<u>ROSEAU ENVIRONS</u> - roadside plant on road from Roseau to Canefield Estate.	8-5
	Mostly open grassland bordering road. Under-lying soil rocky with boulders. Certain specimens (noted on sheets) from river-bed or seashore (strand) which borders road for part of way. Sea level.	
13.	<u>SYLVANIA</u> - any of plants collected on cleared lands immediately adjacent to the Knowlton's home.	Aug. 9 10 22 23 24
	a. Unless otherwise stated on sheets, the soil is rich, reddish volcanic clay (slippery!!). b. Most of the plants are typical of the open fields or open woodlands (in the case of the tree sps.) which bound the numerous trails to the orchards, home, etc. c. In all cases they are open to the full intensity of the sun which, however, at this time anyway appears only intermittently. d. Rain is so constant as to keep the soil constantly saturated (if these parts were still forest they would, like the actual surrounding forested slopes, be termed properly "rain forests"). e. The altitude at the house is about 1500'-2000'. (1720' according to Knowlton's map).	
14.	<u>MORNE COLLA ANGLAIS</u> - summit 2398 ft. - very precipitous, lying west of Sylvania.	Aug. 10 14 23
	a. Densely wooded hence little undergrowth. What is present mostly scraggly shrubs. Largest trees are gommiers bearing their share of epiphytes particularly on their upper levels. b. Bamboos present now and again, and here and there were specimens of palms collected. c. Jasmine-like flowered small tree quite abundant. d. Soils rocky but similar to those in nature described in #14. e. Extremely wet: could be called "rain forest". f. Altitude - 1900'- 2200' (see above).	
15.	<u>SYLVANIA</u> - precipitous gorge, stream cut, lying between (100' below) two plantations of Sylvania orange trees: north of house. (about 200'-300' below latter).	8-11
	a. Slopes dripping in many places and in all spots covered chiefly with ferns (both tree and other	

1938 DOMINICA BOTANICAL COLLECTIONS.....Page 4

861
88

<u>STATION #</u>	<u>PLACE AND DESCRIPTIVE NOTES</u>	<u>DATE</u>
15 (cont.)	<u>SYLVANIA</u>	
	forms), heliconias, bamboo, banana, and misc. shrubs and trees. b. reddish underlying rocky clay soil: much volcanic outcropping rock.	
15A.	<u>SYLVANIA</u> - Same gorge but opposite Sylvania house	8-14
	Difference - timber cut off here so what it is now open to sun. Dasheen and bananas planted along banks.	
"H"	<u>HAWEIS' garden</u> - all these things are, except as noted, uncultivated and native.	8-14
16.	<u>IMPERIAL ROAD</u> - between Sylvania house and Mahaut River (beyond Corona). (See soil conditions from Knowlton's Admiralty Map). 1700' approx. to 2000' (behind Lionel's).	8-13 8-23
	The land lying beside this Imperial Road is, for a portion of the way, indicated above cultivated to oranges on one side so is more or less open except for original forest growth existent here and there; on the eastern side of the road, however, there is largely what I take to be primeval forest extending practically to the roadside ditches. Unless otherwise stated on the sheets, the collected specimens numbered #16 are from the forest border flanking the road.	
	According to J.E.Knowlton the nature of the soil in the region is: "From Sylvania to Riversdale the soil is underlaid with hardpan at a depth varying from 4 feet to a few inches, While the quality of this soil is superb, after Corona its depth is generally too shallow for successful cultivation. Rainfall at Corona is about 200": at Sylvania about 175".	
17.	<u>TROIS PITONS</u> - S...Summit (4600')(Howes) U...Upper Forest	8-15
	S. Almost entirely at this time submerged in clouds and rain (Aug.). Probably but one clear day per week at summit. Highest point on northernmost Pitons (where these collections were made) was clear of trees and shrubs: on the volcanic rocky outgrowths here was growing chiefly the white-flowered Bromelia in the	

<u>STATION #</u>	<u>PLACE AND DESCRIPTIVE NOTES</u>	<u>DATE</u>
17 (cont.)	<p>collection associated with variously colored mosses: here in association was the non-flowering tiny-leaved prostrate woody shrub growing with the closely creeping <i>Lycopodium</i>. The great majority of the summit surface was tree or shrub covered in a mass reminiscent in its impenetrability to certain dwarfed and stunted spruce and balsam mountain top formations of the Green or White mountains of New England. Instead of conifers of course here on Trois Pitons were chiefly what I took to be small trees which perhaps in normal conditions - at lower levels - may reach much higher growth (so tall do the trees at the lower levels get that whether they were the same species as at the top I, from the ground, could not tell); most common, hence dominant, was the oval, thick leaved shrub which according to Howes is called by the natives "Figi" or "Kaklanh" - it reminds one of the sea grape and in fact in height is similar. The branches contain a latex which exudes when bruised; the inflorescences were ready to burst in an advanced bud stage suggesting in their pale green color that the blossom is white.</p> <p>Another common shrub is the one collected with <i>Dracaenaceae</i> palmately (?) divided leaves and a blossom somewhat white-lilac-like when in bloom; in size and in latex-bearing habit it resembles "Figi".</p> <p>More sparing is the Melastomaceous brilliant <i>Charantia</i> flowered (trumpet Creeper-color or more red) shrub which is more shrubby than tree-like altho on the summit too it reaches the same height as the other two.</p> <p>In more sheltered spots on summit is pinnately leaved palm (with white male inflorescence - only species seen on summit and runs more than half way down peak; there is also just below actual summit the white flowered shrub with serrate-margined spatulate (?) leaves whorled at tips, and with a spike of fringed-petalled flowers; the "violet" herb was common as was also razor-grass!</p> <p>In the wet cavernous spaces beneath the canopy of foliage of course all the epiphytes of the lower levels appear - filmy ferns both epiphytic and terrestrial, and certain of the orchids (3 species) and of course many mosses.</p> <p>Where the soil appears it is deep and muddy - must be volcanic clay.</p>	<p><i>Clusia</i> <i>verosa</i></p> <p><i>Charantia</i> <i>purpurea</i></p> <p><i>Sabalae</i> <i>edulis</i></p> <p><i>Alpinia</i> <i>odorata</i></p>

STATION # PLACE AND DESCRIPTIVE NOTESDATE

17 (cont.) U. Upper forest.
Plants included obtained from the transition zone of the semi-open summit approx. 4000', down to the tropical big timber forest at approx. 2500'.
Trees here run from 20'-40' in height - oftentimes have grotesque twisted manner of growth; anything epiphytic at the upper levels at least is growing in a cushion of dripping mosses; the air and everything is wet; really the region of maximum epiphytic growth with tremendous leafy bromelias everywhere.....Really what Howes calls "cloud-forest".

Note: Nothing collected below this on mountain because most of wooded regions surrounding Sylvania (e.g. Morne Colla Anglais, Imperial Road, etc.) support plants which are identical with Trois Pi-tons; lower slopes.





MADE IN U.S.A.